

Converting Colors

HunterLab(69.8822, -12.6508,
-37.4281)

Have a look what the booklet for
HunterLab(69.8822, -12.6508,
-37.4281) contains.

HunterLab(69.7340, -12.4238, -37.6861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.7340,
-12.4238, -37.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	66C2FF
RGB	102, 194, 255
RGB Percent	40%, 76%, 100%
CMY	0.6000, 0.2392, 0.0000
CMYK	0.60, 0.24, 0.00, 0.00
HSL	204°, 100%, 70%
HSV	204°, 60%, 100%
XYZ	42.8212, 48.6283, 101.7370
YIQ	173.4460, -74.4130, -0.5330

Conversions

Conversions Part 2

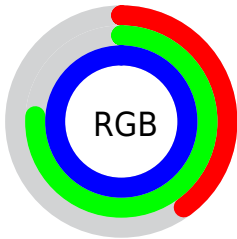
Format	Color
RYB	102, 159, 255
Decimal	6734591
CIELab	75.22, -9.88, -38.25
CIELCh	75, 39.505, 255.512
Yxy	48.6300, 0.2217, 0.2517
Android (android.graphics.Color)	4284924671 (0xFF66C2FF)
YUV	173.4460, 40.2061, -62.6581
Hunter-Lab	69.7340, -12.4238, -37.6861

Details

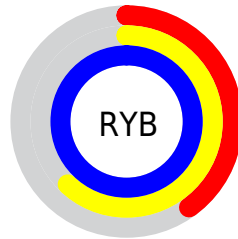
The HunterLab color $69.7340, -12.4238, -37.6861$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $69.5815, 23.7816, 32.5792$, and the grayscale version is $64.6913, -3.4518, 3.5148$.

A 20% lighter version of the original color is $91.3694, -27.9392, -5.5791$, and $48.2449, -10.4074, -36.1113$ is the 20% darker color. If you saturate the color by 10%, you get $65.5669, -10.8075, -45.3379$, and if you desaturate by 10%, it is $74.1872, -13.1055, -30.1256$.

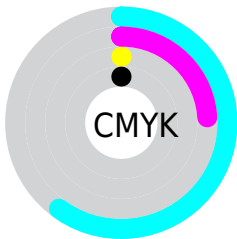
Distribution



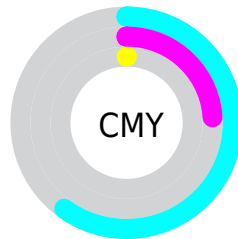
- Red (40%)
- Green (76%)
- Blue (100%)



- Red (40%)
- Yellow (62%)
- Blue (100%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7340, -12.4238, -37.6861 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 69.7340, -12.4238, -37.6861 by changing the saturation by 10% instead.

69.7340, -12.4238,
-37.6861

69.7340, -12.4238,
-37.6861

195.2649,
-22.8457, -41.5634

58.5884, -11.3123,
-37.0389

93.8838, -14.6640,
-38.8716

48.1084, -10.2016,
-36.3815

106.8261,
-15.7969, -39.3993

38.3406, -9.0863,
-35.7482

120.3139,
-16.9406, -39.8793

29.3413, -7.9576,
-35.2132

134.3259,
-18.0958, -40.3108

21.1828, -6.8013,
-34.9400

148.8433,
-19.2635, -40.6940

13.9628, -5.5912,
-35.3424

163.8489,

7.6023, -6.0709,

-20.4441, -41.0299

-39.1657

179.3275,
-21.6381, -41.3192

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.7340, -12.4238,
-37.6861

■ 69.7340, -12.4238,
-37.6861

■ 65.5669, -10.8075,
-45.3379

■ 74.1872, -13.1055,
-30.1256

■ 61.6996, -8.1992,
-53.0375

■ 78.9028, -12.9305,
-22.6980

■ 58.1432, -4.5845,
-60.7265

■ 83.8613, -11.9843,
-15.4226

■ 54.8749, -0.0837,
-68.4076

■ 89.0428, -10.3514,
-8.3089

■ 54.8738, -0.0822,

■ 94.4286, -8.1110,

-68.4100

-1.3580

100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7352, -26.9964, -25.0007



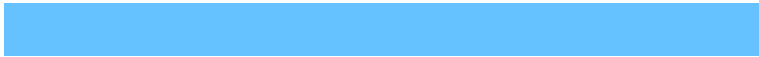
69.7340, -12.4238, -37.6861



69.7352, 6.0712, -37.4418

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7352, -12.4239, -37.6840



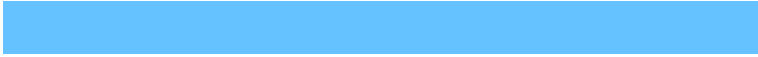
69.7352, 34.0717, 12.2726



69.7352, -27.3853, 23.6293

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.7340, -12.4238, -37.6861



69.5815, 23.7816, 32.5792

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7352, -13.0079, 29.2105



69.7340, -12.4238, -37.6861



69.7352, 23.0661, 23.9193

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7352, -12.4239, -37.6840



69.7352, 34.2702, -5.2355



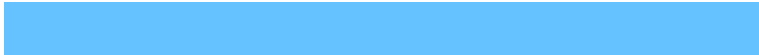
69.7352, 5.4231, 29.3005



69.7352, -35.0020, 11.7606

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7340, -12.4238, -37.6861



69.7352, 18.2225, -29.8483



69.7352, 5.4231, 29.3005



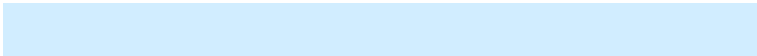
69.7352, -23.2539, 26.1484

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.7352, -12.4239, -37.6840



90.1025, -9.9501, -6.9080



87.6962, -56.4941, 30.3604



40.9723, -4.8702, -4.1415

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7352, -12.4239, -37.6840



64.7677, -10.3657, -46.8783



48.4189, 26.7112, -85.5463



43.8120, -3.6948, -0.4719



40.0423, -0.7014, -48.5353



13.3227, -1.5812, -13.2388

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.8723, 65.9462, -13.9712



54.0247, 77.0741, -13.8109



91.0359, -14.2816, 47.6576



42.6269, 2.7378, 0.5159



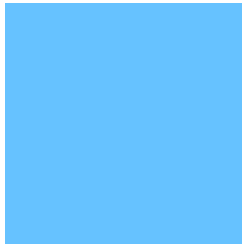
35.1377, 63.6970, -4.6012



11.0622, 20.2289, -2.8092

Previews

White Background



This preview shows how the HunterLab color 69.7340, -12.4238, -37.6861 looks on a white background.

Color Contrast Check

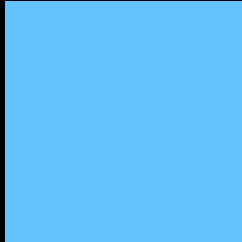
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 69.7340, -12.4238, -37.6861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

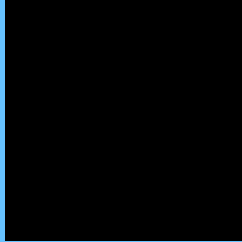
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

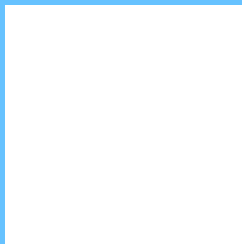
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.7340, -12.4238, -37.6861 Background



This preview shows how black text looks on a background with the HunterLab color 69.7340, -12.4238, -37.6861.



This preview shows how white text looks on a background with the HunterLab color 69.7340, -12.4238, -37.6861.

-12.4238, -37.6861.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.7340, -12.4238, -37.6861

Protanopia

69.4383, 4.6711, -31.5770

Deuteranopia

69.3898, 5.3244, -37.9865



Tritanopia

69.7957, -27.1138, -13.2316

Trichromacy



Original Color

69.7340, -12.4238, -37.6861

Protanomaly

69.1354, -2.2574, -34.2983

Deuteranomaly

69.1569, -1.6329, -38.5241

Tritanomaly

69.5571, -21.8153, -21.9633

Monochromacy



Original Color

69.7340, -12.4238, -37.6861

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

66.0020, -9.1206, -10.2438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7340, -12.4238, -37.6861 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(102, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 194, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(102, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 194, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7340, -12.4238, -37.6861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 194, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(102, 194, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(102, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 194,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7340, -12.4238, -37.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 194, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(102,  
194, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor