

Converting Colors

HunterLab(69.6820, -2.8587,
42.4569)

Have a look what the booklet for
HunterLab(69.6820, -2.8587,
42.4569) contains.

HunterLab(69.6113, -2.7462, 42.4285)	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(69.6113, -2.7462,
42.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB510
RGB	221, 181, 16
RGB Percent	87%, 71%, 6%
CMY	0.1333, 0.2902, 0.9372
CMYK	0.00, 0.18, 0.93, 0.13
HSL	48°, 86%, 46%
HSV	48°, 93%, 87%
XYZ	46.4362, 48.4573, 7.3960
YIQ	174.1500, 76.8050, -42.8350

Conversions

Conversions Part 2

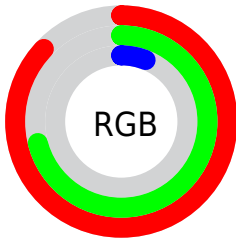
Format	Color
RYB	66, 221, 16
Decimal	14529808
CIELab	75.11, 1.07, 75.49
CIELCh	75, 75.494, 89.187
Yxy	48.4597, 0.4540, 0.4737
Android (android.graphics.Color)	4292719888 (0xFFDDB510)
YUV	174.1500, -77.9680, 41.0874
Hunter-Lab	69.6113, -2.7462, 42.4285

Details

The HunterLab color **69.6113, -2.7462, 42.4285** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **28.5656, 41.7399, -123.6494**, and the grayscale version is **65.4142, -3.4903, 3.5541**.

A 20% lighter version of the original color is **90.5112, -14.5963, 49.7499**, and **48.2468, -1.0099, 29.7118** is the 20% darker color. If you saturate the color by 10%, you get **68.6772, -1.3657, 42.2947**, and if you desaturate by 10%, it is **70.9534, -4.4550, 42.1027**.

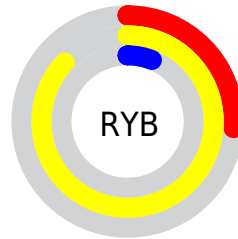
Distribution



Red (87%)

Green (71%)

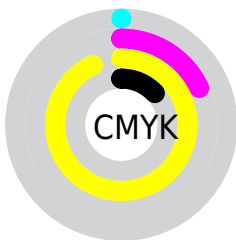
Blue (6%)



Red (26%)

Yellow (87%)

Blue (6%)

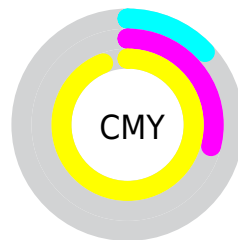


Cyan (0%)

Magenta (18%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (29%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.6113, -2.7462, 42.4285 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 69.6113, -2.7462, 42.4285 by changing the saturation by 10% instead.

69.6113, -2.7462,
42.4285

69.6113, -2.7462,
42.4285

195.0926, -9.0560,
81.6559

58.4731, -2.2087,
37.2511

93.7488, -3.9379,
52.1573

48.0004, -1.7072,
31.8410

106.6852, -4.5819,
56.7512

38.2405, -1.2480,
26.5194

120.1673, -5.2571,
61.1925

29.2498, -0.8351,
20.4748

134.1739, -5.9619,
65.4988

21.1007, -0.4741,
14.7705

148.6859, -6.6952,
69.6858

13.8914, -0.1728,
9.7240

163.6865, -7.4559,

7.5243, 0.2183,

73.7669

5.2670

179.1600, -8.2432,
77.7535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6113, -2.7462,
42.4285

■ 69.6113, -2.7462,
42.4285

■ 68.6772, -1.3657,
42.2947

■ 70.9534, -4.4550,
42.1027

■ 72.3652, -5.8391,
40.9618

■ 73.8536, -6.8683,
38.9289

■ 75.4215, -7.5218,
35.9600

■ 77.0704, -7.7880,

32.0347

■ 78.8008, -7.6619,
27.1499

■ 80.6125, -7.1440,
21.3154

■ 82.5046, -6.2392,
14.5513

■ 84.4759, -4.9556,
6.8848

Harmonies

Analogous

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



69.6130, 34.7174, 39.6270



69.6113, -2.7462, 42.4285



69.6130, -33.9159, 39.9403

Triad

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



69.6130, -2.7493, 42.4290



69.6130, -53.7584, -35.7894



69.6130, 64.9650, -38.2382

Complementary

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



69.6113, -2.7462, 42.4285



28.5656, 41.7399, -123.6494

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.



69.6130, 32.7068, -79.8241



69.6113, -2.7462, 42.4285



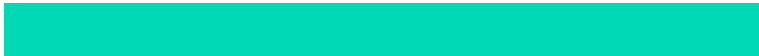
69.6130, -35.2832, -77.9809

Square

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



69.6130, -2.7493, 42.4290



69.6130, -59.5687, 4.7021



69.6130, -4.6816, -97.1095



69.6130, 78.3117, 2.8638

Rectangle

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



69.6113, -2.7462, 42.4285



69.6130, -48.1301, 34.2271



69.6130, -4.6816, -97.1095



69.6130, 55.6929, -53.2497

Sweetspot

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



69.6130, -2.7493, 42.4290



93.6246, -8.7916, 28.9589



40.0482, 66.9406, 20.1163



42.8913, -4.1655, 14.7196

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.6130, -2.7493, 42.4290



80.6484, -1.4065, 49.6705



76.9237, -40.9893, 46.3041



38.4833, -2.7093, 5.6005



52.4979, -1.3007, 32.3262



13.7776, -1.0227, 8.4718

Inverse Universe

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



28.5656, 41.7399, -123.6494



30.7896, 57.3124, -162.2054



26.8152, 61.8333, -133.6438



36.0921, -1.1259, -1.8496



20.4134, 35.5319, -102.2182



6.2520, 5.8577, -20.4595

Previews

White Background



This preview shows how the HunterLab color 69.6113, -2.7462, 42.4285 looks on a white background.

Color Contrast Check

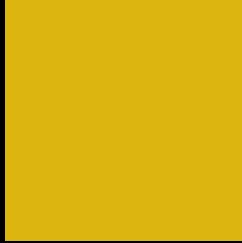
Large Text (above 18pt) WCAG AA × Fail

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 69.6113, -2.7462, 42.4285 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 69.6113, -2.7462, 42.4285 Background



This preview shows how black text looks on a background with the HunterLab color 69.6113, -2.7462, 42.4285.



This preview shows how white text looks on a background with the HunterLab color 69.6113, -2.7462, 42.4285.

42.4285.

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

69.6113, -2.7462, 42.4285

Protanopia

69.7974, -9.7155, 42.3526

Deuteranopia

69.7173, 5.0176, 42.3579



Tritanopia

69.5201, 20.3236, 5.9106

Trichromacy



Original Color

69.6113, -2.7462, 42.4285

Protanomaly

69.6187, -7.2688, 42.3198

Deuteranomaly

69.6773, 1.9531, 42.4059

Tritanomaly

68.9917, 8.8177, 27.1213

Monochromacy



Original Color

69.6113, -2.7462, 42.4285

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

66.1853, -6.8158, 25.5875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.6113, -2.7462, 42.4285 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(221, 181, 16)` looks like.

```
.text, #text, p{  
    color:rgb(221, 181, 16)  
}
```

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(221, 181, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 181, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 69.6113, -2.7462, 42.4285 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(221, 181, 16) }
```


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

```
.border{ border-color:rgb(221, 181, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 181, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 181, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 181, 16);  
box-shadow:4px 4px 4px 4px rgb(221, 181,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.6113, -2.7462, 42.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 181, 16) }
```

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

```
.background{ background-color: rgb(221,  
181, 16) }
```

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