

Converting Colors

HunterLab(64.0481, -40.2222,
37.3365)

Have a look what the booklet for
HunterLab(64.0481, -40.2222,
37.3365) contains.

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Color

**HunterLab(63.9436,
-40.0765, 37.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	71BF22
RGB	113, 191, 34
RGB Percent	44%, 75%, 13%
CMY	0.5569, 0.2510, 0.8666
CMYK	0.41, 0.00, 0.82, 0.25
HSL	90°, 70%, 44%
HSV	90°, 82%, 75%
XYZ	25.7296, 40.8878, 8.0494
YIQ	149.7800, 3.9090, -65.3630

Conversions

Conversions Part 2

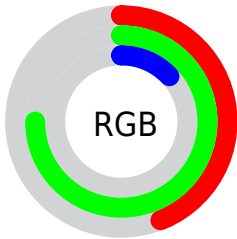
Format	Color
RYB	34, 191, 112
Decimal	7454498
CIELab	70.10, -47.66, 64.50
CIELCh	70, 80.203, 126.462
Yxy	40.8896, 0.3446, 0.5476
Android (android.graphics.Color)	4285644578 (0xFF71BF22)
YUV	149.7800, -57.0795, -32.2561
Hunter-Lab	63.9436, -40.0765, 37.2969

Details

The HunterLab color $63.9436, -40.0765, 37.2969$ is a dark color, and the websafe version is hex $66CC33$. A complement of this color would be $28.8995, 52.3295, -82.4043$, and the grayscale version is $55.3603, -2.9539, 3.0078$.

A 20% lighter version of the original color is $87.5219, -46.3301, 45.9458$, and $43.2153, -32.3930, 26.0619$ is the 20% darker color. If you saturate the color by 10%, you get $63.4125, -42.3742, 37.9133$, and if you desaturate by 10%, it is $64.5715, -37.3327, 36.0304$.

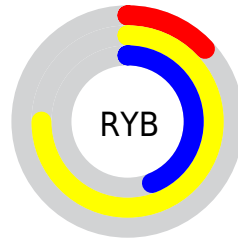
Distribution



Red (44%)

Green (75%)

Blue (13%)



Red (13%)

Yellow (75%)

Blue (44%)

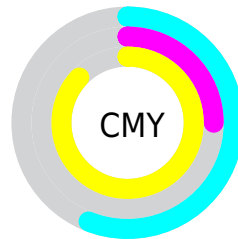


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (25%)



Cyan (56%)

Magenta (25%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9436, -40.0765, 37.2969 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 63.9436, -40.0765, 37.2969 by changing the saturation by 10% instead.

■ 63.9436, -40.0765,
37.2969

■ 63.9436, -40.0765,
37.2969

187.0452,
-66.0969, 71.9490

■ 53.1346, -36.7029,
32.6874

■ 87.4736, -46.4069,
45.9099

■ 43.0131, -33.1376,
27.8393

■ 100.1274,
-49.4121, 49.9651

■ 33.6310, -29.3240,
22.9708

■ 113.3386,
-52.3350, 53.8826

■ 25.0521, -25.1745,
17.5364

■ 127.0846,
-55.1889, 57.6806

■ 17.3599, -20.5493,
12.1519

■ 141.3454,
-57.9842, 61.3742

■ 10.6718, -18.6756,
7.4702

■ 156.1030,

■ 1.0443, -1.8276,

-60.7295, 64.9764

0.7310

171.3411,
-63.4318, 68.4983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9436, -40.0765,
37.2969

■ 63.9436, -40.0765,
37.2969

■ 63.4125, -42.3742,
37.9133

■ 64.5715, -37.3327,
36.0304

■ 63.0522, -43.9082,
38.0838

■ 65.2977, -34.1186,
34.0395

■ 66.1272, -30.4287,
31.2776

■ 67.0624, -26.2660,
27.7179

■ 68.1044, -21.6415,

23.3507

■ 69.2534, -16.5726,
18.1798

■ 70.5088, -11.0816,
12.2204

■ 71.8692, -5.1941,
5.4970

■ 73.3328, 1.0617,
-1.9593

Harmonies

Analogous

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



63.9450, -11.1409, 40.6604



63.9436, -40.0765, 37.2969



63.9450, -55.9681, 24.8508

Triad

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



63.9450, -40.0778, 37.2972



63.9450, -29.1504, -93.2652



63.9450, 82.5585, 10.5628

Complementary

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



63.9436, -40.0765, 37.2969



28.8995, 52.3295, -82.4043

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.



63.9450, 74.6909, -29.4202



63.9436, -40.0765, 37.2969



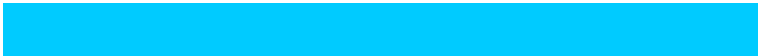
63.9450, 4.6953, -105.0850

Square

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



63.9450, -40.0778, 37.2972



63.9450, -50.7218, -50.4184



63.9450, 43.9847, -77.1017



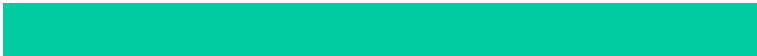
63.9450, 63.5556, 31.8438

Rectangle

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



63.9436, -40.0765, 37.2969



63.9450, -59.5649, 7.4733



63.9450, 43.9847, -77.1017



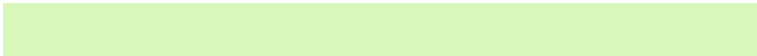
63.9450, 83.0205, -0.7871

Sweetspot

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



63.9450, -40.0778, 37.2972



92.1709, -24.4125, 26.6600



47.2445, 20.6175, 27.5728



42.9354, -12.5710, 13.6471



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.9450, -40.0778, 37.2972



84.3521, -58.8681, 50.8968



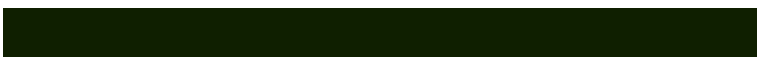
61.4535, -50.4092, 35.5242



32.9835, -4.3938, 4.8302



51.1602, -35.4011, 30.9049



10.3156, -6.2318, 6.2474

Inverse Universe

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



28.8995, 52.3295, -82.4043



33.2962, 76.8393, -135.3350



39.5562, 69.8147, -48.2871



30.7439, 1.0992, -1.6180



20.2860, 46.9261, -81.3533



4.4734, 9.8254, -13.8889

Previews

White Background



This preview shows how the HunterLab color 63.9436, -40.0765, 37.2969 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 63.9436, -40.0765, 37.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

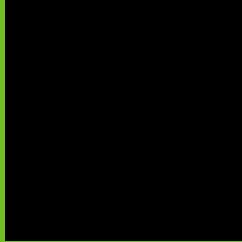
Any Text WCAG AA ✓ Pass

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 63.9436, -40.0765, 37.2969 Background



This preview shows how black text looks on a background with the HunterLab color 63.9436, -40.0765, 37.2969.



This preview shows how white text looks on a background with the HunterLab color 63.9436, -40.0765, 37.2969.

-40.0765, 37.2969.

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

63.9436, -40.0765, 37.2969

Protanopia

63.5775, -8.7190, 37.9395

Deuteranopia

63.5351, 4.6413, 36.4153



Tritanopia

63.8082, -13.0087, -7.2474

Trichromacy



Original Color

63.9436, -40.0765, 37.2969

Protanomaly

63.0288, -21.7368, 37.2381

Deuteranomaly

62.7822, -14.5387, 36.1813

Tritanomaly

63.2865, -26.3878, 17.0607

Monochromacy



Original Color

63.9436, -40.0765, 37.2969

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

57.7160, -19.1123, 20.6555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9436, -40.0765, 37.2969 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(113, 191, 34)` looks like.

```
.text, #text, p{  
    color:rgb(113, 191, 34)  
}
```

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(113, 191, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 191, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9436, -40.0765, 37.2969 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(113, 191, 34) }
```


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

```
.border{ border-color:rgb(113, 191, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 191, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 191, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 191, 34);  
box-shadow:4px 4px 4px 4px rgb(113, 191,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9436, -40.0765, 37.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 191, 34) }
```

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

```
.background{ background-color: rgb(113,  
191, 34) }
```

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](#).

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