

Converting Colors

HunterLab(64.4419, -37.5923,
37.1952)

Have a look what the booklet for
HunterLab(64.4419, -37.5923,
37.1952) contains.

HunterLab(64.5180, -37.7025, 37.2508)	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(64.5180,
-37.7025, 37.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBF28
RGB	123, 191, 40
RGB Percent	48%, 75%, 16%
CMY	0.5176, 0.2510, 0.8431
CMYK	0.36, 0.00, 0.79, 0.25
HSL	87°, 65%, 45%
HSV	87°, 79%, 75%
XYZ	27.1821, 41.6257, 8.6094
YIQ	153.4540, 7.9430, -61.3770

Conversions

Conversions Part 2

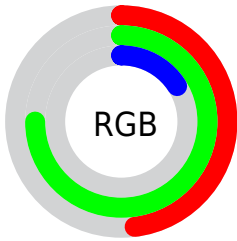
Format	Color
RYB	40, 191, 108
Decimal	8109864
CIELab	70.61, -43.91, 63.49
CIELCh	71, 77.192, 124.668
Yxy	41.6275, 0.3511, 0.5377
Android (android.graphics.Color)	4286299944 (0xFF7BBF28)
YUV	153.4540, -55.9328, -26.7082
Hunter-Lab	64.5180, -37.7025, 37.2508

Details

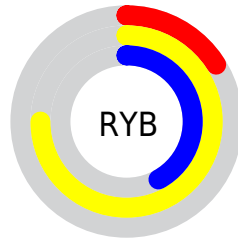
The HunterLab color $64.5180, -37.7025, 37.2508$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $29.1011, 49.3560, -81.6318$, and the grayscale version is $56.8428, -3.0330, 3.0884$.

A 20% lighter version of the original color is $88.1589, -43.7380, 45.7861$, and $43.6458, -30.6061, 26.3585$ is the 20% darker color. If you saturate the color by 10%, you get $63.9697, -40.0741, 38.0629$, and if you desaturate by 10%, it is $65.1565, -34.9126, 35.7595$.

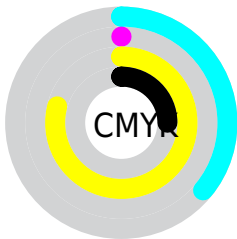
Distribution



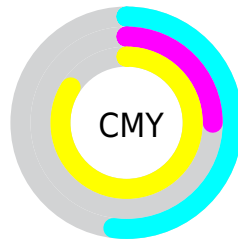
- Red (48%)
- Green (75%)
- Blue (16%)



- Red (16%)
- Yellow (75%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (79%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5180, -37.7025, 37.2508 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 64.5180, -37.7025, 37.2508 by changing the saturation by 10% instead.

64.5180, -37.7025,
37.2508

64.5180, -37.7025,
37.2508

187.8661,
-62.0657, 71.3681

53.6747, -34.5754,
32.7180

88.1111, -43.5922,
45.7218

43.5166, -31.2795,
27.9489

100.7942,
-46.3973, 49.7119

34.0951, -27.7647,
23.0720

114.0335,
-49.1309, 53.5677

25.4729, -23.9532,
17.8310

127.8065,
-51.8049, 57.3072

17.7326, -19.7196,
12.4128

142.0932,
-54.4283, 60.9453

10.9891, -18.5017,
7.6924

156.8759,

2.6058, -4.5602,

-57.0090, 64.4946

1.8241

172.1384,
-59.5530, 67.9658

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5180, -37.7025,
37.2508

■ 64.5180, -37.7025,
37.2508

■ 63.9697, -40.0741,
38.0629

■ 65.1565, -34.9126,
35.7595

■ 63.4972, -42.0753,
38.3417

■ 65.8860, -31.6831,
33.5226


■ 63.4551, -42.2537,
38.3610


■ 66.7110, -28.0097,
30.4983


■ 67.6337, -23.8950,
26.6631

■ 68.6551, -19.3489,

22.0085

 69.7754, -14.3865,
16.5390

 70.9942, -9.0273,
10.2693

 72.3103, -3.2939,
3.2229

 73.7222, 2.7890,
-4.5702

Harmonies

Analogous

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



64.5194, -8.8790, 40.4176



64.5180, -37.7025, 37.2508



64.5194, -54.0617, 25.4866

Triad

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



64.5194, -37.7039, 37.2511



64.5194, -30.0036, -86.3911



64.5194, 79.1324, 8.5501

Complementary

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



64.5180, -37.7025, 37.2508



29.1011, 49.3560, -81.6318

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.



64.5194, 70.1077, -30.6873



64.5180, -37.7025, 37.2508



64.5194, 2.1728, -99.7272

Square

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



64.5194, -37.7039, 37.2511



64.5194, -50.3324, -45.0897



64.5194, 39.8967, -75.3975



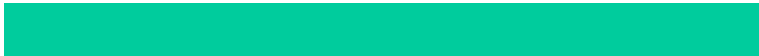
64.5194, 62.4340, 30.5083

Rectangle

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



64.5180, -37.7025, 37.2508



64.5194, -58.0887, 9.2308



64.5194, 39.8967, -75.3975



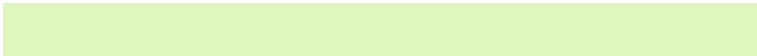
64.5194, 79.0326, -2.7836

Sweetspot

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



64.5194, -37.7039, 37.2511



92.5622, -22.8573, 26.1663



46.8465, 21.7656, 26.7061



43.1264, -11.8143, 13.4603



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.



64.5194, -37.7039, 37.2511



85.1303, -55.6506, 51.2321



61.6720, -49.4226, 35.2062



33.0167, -4.2755, 4.8684



51.4870, -34.0608, 31.1297



10.3765, -5.9875, 6.2891

Inverse Universe

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



29.1011, 49.3560, -81.6318



32.9762, 74.7827, -137.0934



39.2465, 66.8546, -49.1127



30.7084, 0.9788, -1.6658



19.5432, 46.1172, -85.4234



4.3412, 9.6649, -14.4854

Previews

White Background



This preview shows how the HunterLab color 64.5180, -37.7025, 37.2508 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 64.5180, -37.7025, 37.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

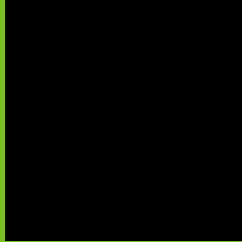
Any Text WCAG AA ✓ Pass

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 64.5180, -37.7025, 37.2508 Background



This preview shows how black text looks on a background with the HunterLab color 64.5180, -37.7025, 37.2508.



This preview shows how white text looks on a background with the HunterLab color 64.5180,

-37.7025, 37.2508.

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

64.5180, -37.7025, 37.2508

Protanopia

64.0030, -8.6803, 37.8134

Deuteranopia

63.9519, 4.6544, 36.3657



Tritanopia

64.4098, -10.8365, -6.4059

Trichromacy



Original Color

64.5180, -37.7025, 37.2508

Protanomaly

63.7955, -20.4202, 37.3263

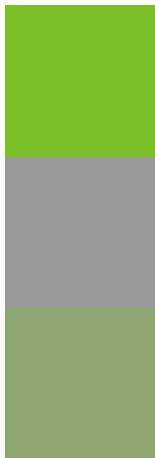
Deuteranomaly

63.2816, -12.6705, 36.1521

Tritanomaly

63.9589, -23.7308, 17.0564

Monochromacy



Original Color

64.5180, -37.7025, 37.2508

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

58.7861, -18.1633, 20.4451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5180, -37.7025, 37.2508 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(123, 191, 40)` looks like.

```
.text, #text, p{  
    color:rgb(123, 191, 40)  
}
```

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(123, 191, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 191, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5180, -37.7025, 37.2508 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(123, 191, 40) }
```


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

```
.border{ border-color:rgb(123, 191, 40) }
```

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

Here you see how a box with a 4 pixel rgb(123, 191, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 191, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 191, 40);  
box-shadow:4px 4px 4px 4px rgb(123, 191,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5180, -37.7025, 37.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 191, 40) }
```

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

```
.background{ background-color: rgb(123,  
191, 40) }
```

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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