

Converting Colors

HunterLab(59.1484, -45.3804,
33.9338)

Have a look what the booklet for
HunterLab(59.1484, -45.3804,
33.9338) contains.

HunterLab(59.2092, -45.3796, 33.9373)	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(59.2092,
-45.3796, 33.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB725
RGB	63, 183, 37
RGB Percent	25%, 72%, 15%
CMY	0.7529, 0.2823, 0.8549
CMYK	0.66, 0.00, 0.80, 0.28
HSL	109°, 66%, 43%
HSV	109°, 80%, 72%
XYZ	19.3173, 35.0573, 7.4989
YIQ	130.4760, -24.6540, -70.8460

Conversions

Conversions Part 2

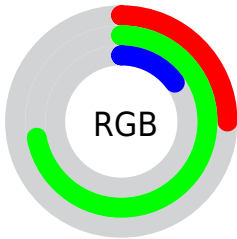
Format	Color
RYB	37, 183, 157
Decimal	4175653
CIELab	65.79, -58.59, 59.04
CIELCh	66, 83.176, 134.778
Yxy	35.0588, 0.3122, 0.5666
Android (android.graphics.Color)	4282365733 (0xFF3FB725)
YUV	130.4760, -46.0837, -59.1765
Hunter-Lab	59.2092, -45.3796, 33.9373

Details

The HunterLab color **59.2092, -45.3796, 33.9373** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **34.5135, 59.1556, -54.6611**, and the grayscale version is **47.6183, -2.5408, 2.5872**.

A 20% lighter version of the original color is **82.1973, -53.1055, 42.0814**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.7722, -47.3744, 34.7775**, and if you desaturate by 10%, it is **59.8069, -42.6525, 32.4844**.

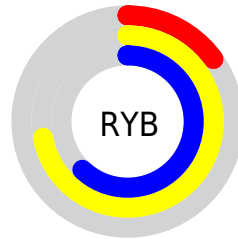
Distribution



Red (25%)

Green (72%)

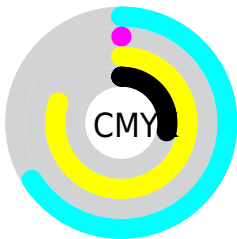
Blue (15%)



Red (15%)

Yellow (72%)

Blue (62%)

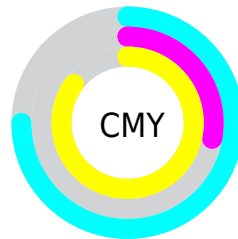


Cyan (66%)

Magenta (0%)

Yellow (80%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2092, -45.3796, 33.9373 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 59.2092, -45.3796, 33.9373 by changing the saturation by 10% instead.

■ 59.2092, -45.3796,
33.9373

■ 59.2092, -45.3796,
33.9373

180.2298,
-76.6122, 66.4401

■ 48.6910, -41.1966,
29.5864

■ 82.2051, -53.1300,
42.0358

■ 38.8809, -36.7323,
24.9923

■ 94.6113, -56.7703,
45.8400

■ 29.8358, -31.9012,
20.5137

■ 107.5856,
-60.2894, 49.5119

■ 21.6267, -26.5728,
15.1387

■ 121.1040,
-63.7061, 53.0703

■ 14.3496, -22.2289,
10.0447

■ 135.1455,
-67.0357, 56.5304

■ 8.0092, -14.0161,
5.6065

■ 149.6913,

0.0000, NaN, NaN

-70.2901, 59.9051

0.0000, NaN, NaN

164.7245,
-73.4795, 63.2053

0.0000, NaN, NaN

■ 59.2092, -45.3796,
33.9373

■ 59.2092, -45.3796,
33.9373

■ 58.7722, -47.3744,
34.7775

■ 59.8069, -42.6525,
32.4844

■ 58.4733, -48.7204,
35.1662

■ 60.5715, -39.1645,
30.3644

■ 58.4678, -48.7451,
35.1742

■ 61.5106, -34.9162,
27.5519

■ 62.6276, -29.9284,
24.0448

■ 63.9231, -24.2388,
19.8596

■ 65.3957, -17.8977,
15.0278

■ 67.0420, -10.9640,
9.5916

■ 68.8572, -3.5008,
3.6002

■ 70.8353, 4.4274,
-2.8935

Harmonies

Analogous

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



59.2104, -20.2284, 38.4143



59.2092, -45.3796, 33.9373



59.2104, -57.3342, 18.3729

Triad

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



59.2104, -45.3805, 33.9375



59.2104, -20.6976, -106.2235



59.2104, 82.4583, 18.0094

Complementary

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



59.2092, -45.3796, 33.9373



34.5135, 59.1556, -54.6611

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.



59.2104, 82.2433, -17.4268



59.2092, -45.3796, 33.9373



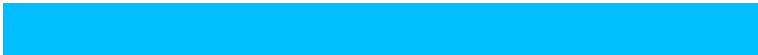
59.2104, 16.0860, -106.5578

Square

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



59.2104, -45.3805, 33.9375



59.2104, -45.6510, -66.9466



59.2104, 55.6989, -67.6908



59.2104, 56.2294, 33.8116

Rectangle

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



59.2092, -45.3796, 33.9373



59.2104, -58.6619, -2.6918



59.2104, 55.6989, -67.6908



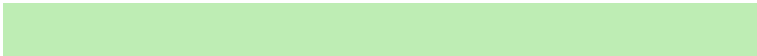
59.2104, 85.6509, 8.5843

Sweetspot

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



59.2104, -45.3805, 33.9375



86.5763, -27.9743, 23.2016



58.3593, -4.8894, 34.0963



40.3643, -14.5457, 11.9650



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.2104, -45.3805, 33.9375



78.3292, -64.8461, 46.9247



59.0678, -45.1418, 27.3440



31.8354, -5.0502, 4.4302



48.8557, -40.6177, 29.3936



9.3011, -7.0853, 5.6073

Inverse Universe

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



34.5135, 59.1556, -54.6611



42.6003, 86.0852, -83.9127



36.3192, 57.7867, -15.1038



30.1326, 1.8849, -1.2322



26.3878, 54.2282, -53.0123



5.1663, 10.4748, -9.2773

Previews

White Background



This preview shows how the HunterLab color 59.2092, -45.3796, 33.9373 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 59.2092, -45.3796, 33.9373 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 59.2092, -45.3796, 33.9373 Background



This preview shows how black text looks on a background with the HunterLab color 59.2092, -45.3796, 33.9373.



This preview shows how white text looks on a background with the HunterLab color 59.2092,

-45.3796, 33.9373.

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

59.2092, -45.3796, 33.9373

Protanopia

58.7187, -7.8034, 34.7367

Deuteranopia

58.6404, 3.8430, 32.9164



Tritanopia

58.9041, -18.6860, -9.6752

Trichromacy



Original Color

59.2092, -45.3796, 33.9373



Protanomaly

57.8217, -25.2653, 33.7117



Deuteranomaly

57.2618, -19.1448, 32.1647



Tritanomaly

58.4666, -31.8440, 13.6942

Monochromacy



Original Color

59.2092, -45.3796, 33.9373



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.4020, -21.6134, 17.6613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2092, -45.3796, 33.9373 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(63, 183, 37)` looks like.

```
.text, #text, p{  
    color:rgb(63, 183, 37)  
}
```

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(63, 183, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 183, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2092, -45.3796, 33.9373 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(63, 183, 37) }
```


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

```
.border{ border-color:rgb(63, 183, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 183, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 183, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 183, 37);  
box-shadow:4px 4px 4px 4px rgb(63, 183,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2092, -45.3796, 33.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 183, 37) }
```

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

```
.background{ background-color: rgb(63, 183,  
37) }
```

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