

Converting Colors

HunterLab(59.2210, -46.0178,
25.3181)

Have a look what the booklet for
HunterLab(59.2210, -46.0178,
25.3181) contains.

HunterLab(59.2210, -46.0178, 25.3181)	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(59.2210,
-46.0178, 25.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	00B85D
RGB	0, 184, 93
RGB Percent	0%, 72%, 36%
CMY	1.0000, 0.2784, 0.6353
CMYK	1.00, 0.00, 0.49, 0.28
HSL	150°, 100%, 36%
HSV	150°, 100%, 72%
XYZ	19.1163, 35.0713, 16.1178
YIQ	118.6100, -80.4530, -67.3090

Conversions

Conversions Part 2

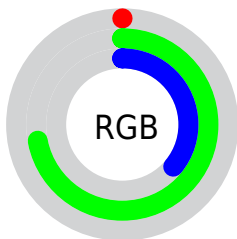
Format	Color
RYB	0, 122, 184
Decimal	47197
CIELab	65.81, -59.66, 35.24
CIELCh	66, 69.288, 149.426
Yxy	35.0727, 0.2719, 0.4988
Android (android.graphics.Color)	4278237277 (0xFF00B85D)
YUV	118.6100, -12.6257, -104.0210
Hunter-Lab	59.2210, -46.0178, 25.3181

Details

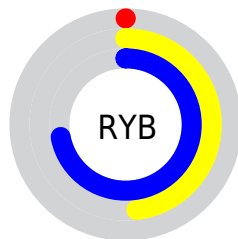
The HunterLab color **59.2210, -46.0178, 25.3181** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **33.0853, 58.9416, 3.6787**, and the grayscale version is **42.8709, -2.2875, 2.3293**.

A 20% lighter version of the original color is **82.1229, -53.7510, 30.3227**, and **39.8527, -32.5447, 20.4422** is the 20% darker color. If you saturate the color by 10%, you get **59.2221, -46.0190, 25.3193**, and if you desaturate by 10%, it is **59.4779, -44.6592, 23.3108**.

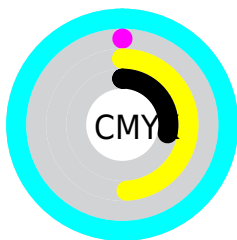
Distribution



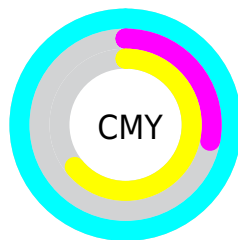
- Red (0%)
- Green (72%)
- Blue (36%)



- Red (0%)
- Yellow (48%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2210, -46.0178, 25.3181 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 59.2210, -46.0178, 25.3181 by changing the saturation by 10% instead.

■ 59.2210, -46.0178,
25.3181

■ 59.2210, -46.0178,
25.3181

180.2468,
-77.7376, 46.5993

■ 48.7020, -41.7619,
22.5835

■ 82.2182, -53.8977,
30.4573

■ 38.8911, -37.2185,
19.6974

■ 94.6250, -57.5970,
32.9035

■ 29.8451, -32.3000,
16.6160

■ 107.5999,
-61.1718, 35.2879

■ 21.6351, -26.8740,
13.3726

■ 121.1189,
-64.6415, 37.6214

■ 14.3569, -22.5537,
10.0498

■ 135.1610,
-68.0215, 39.9128

■ 8.0167, -14.0292,
5.6117

■ 149.7073,

0.0000, NaN, NaN

-71.3243, 42.1692

0.0000, NaN, NaN

164.7410,
-74.5602, 44.3965

0.0000, NaN, NaN

■ 59.2210, -46.0178,
25.3181

■ 59.2210, -46.0178,
25.3181

■ 59.2221, -46.0190,
25.3193

■ 59.4779, -44.6592,
23.3108

■ 59.8534, -42.7783,
21.1769

■ 60.3853, -40.2376,
18.9627

■ 61.0888, -36.9984,
16.7006

■ 61.9740, -33.0502,
14.4223

■ 63.0470, -28.4059,
12.1584

■ 64.3108, -23.0972,
9.9370

■ 65.7654, -17.1703,
7.7835

■ 67.4083, -10.6810,
5.7190

Harmonies

Analogous

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



59.2222, -29.5445, 34.2959



59.2210, -46.0178, 25.3181



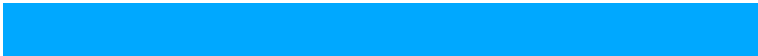
59.2222, -51.5157, 3.7851

Triad

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



59.2222, -46.0184, 25.3185



59.2222, -3.7551, -85.3274



59.2222, 57.7599, 24.7623

Complementary

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



59.2210, -46.0178, 25.3181



33.0853, 58.9416, 3.6787

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.



59.2222, 68.4652, 2.6566



59.2210, -46.0178, 25.3181



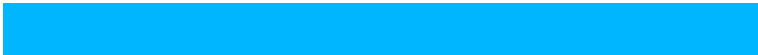
59.2222, 28.8371, -69.8457

Square

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



59.2222, -46.0184, 25.3185



59.2222, -30.3799, -68.6992



59.2222, 56.9477, -33.1940



59.2222, 30.0763, 34.1096

Rectangle

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



59.2210, -46.0178, 25.3181



59.2222, -49.3101, -18.7449



59.2222, 56.9477, -33.1940



59.2222, 63.6870, 19.0684

Sweetspot

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



59.2222, -46.0184, 25.3185



86.4937, -31.4799, 13.5284



60.4631, -42.1744, 36.5185



39.8170, -16.0450, 6.8587



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.



59.2222, -46.0184, 25.3185



79.7043, -62.1469, 34.5338



61.4355, -32.5699, -6.4794



31.8337, -4.8251, 2.6337



49.1784, -38.1128, 20.8059



9.3009, -6.7400, 2.9244

Inverse Universe

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



33.0853, 58.9416, 3.6787



44.4904, 79.1606, 5.7301



31.9232, 54.6682, 20.6276



30.1402, 1.6501, 0.7961



27.4918, 49.0260, 2.6834



5.2815, 9.6386, -1.1902

Previews

White Background



This preview shows how the HunterLab color 59.2210, -46.0178, 25.3181 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 59.2210, -46.0178, 25.3181 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 59.2210, -46.0178, 25.3181 Background



This preview shows how black text looks on a background with the HunterLab color 59.2210, -46.0178, 25.3181.



This preview shows how white text looks on a background with the HunterLab color 59.2210, -46.0178, 25.3181.

-46.0178, 25.3181.

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

59.2210, -46.0178, 25.3181

Protanopia

58.7795, -6.6666, 27.6426

Deuteranopia

58.7132, 3.8506, 23.8134



Tritanopia

59.3338, -23.3927, -11.3901

Trichromacy



Original Color

59.2210, -46.0178, 25.3181



Protanomaly

56.6329, -28.8886, 24.9513



Deuteranomaly

56.1875, -23.6524, 22.0151



Tritanomaly

58.9055, -34.1387, 5.3659

Monochromacy



Original Color

59.2210, -46.0178, 25.3181



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

47.2305, -23.6299, 10.1711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2210, -46.0178, 25.3181 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(0, 184, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 93)  
}
```

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(0, 184, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2210, -46.0178, 25.3181 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(0, 184, 93) }
```


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

```
.border{ border-color:rgb(0, 184, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 184, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.2210, -46.0178, 25.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 93) }
```

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

```
.background{ background-color: rgb(0, 184,  
93) }
```

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