

# Converting Colors

HunterLab(59.9759, -46.7268,  
25.9052)

Have a look what the booklet for  
HunterLab(59.9759, -46.7268,  
25.9052) contains.

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# Color

**HunterLab(59.9234,  
-46.6759, 25.8609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BA5D
RGB	0, 186, 93
RGB Percent	0%, 73%, 36%
CMY	1.0000, 0.2706, 0.6353
CMYK	1.00, 0.00, 0.50, 0.27
HSL	150°, 100%, 36%
HSV	150°, 100%, 73%
XYZ	19.5347, 35.9081, 16.2573
YIQ	119.7840, -81.0030, -68.3550

# Conversions

## Conversions Part 2

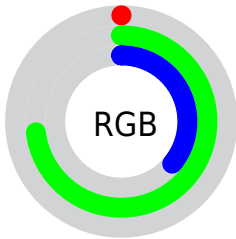
Format	Color
<a href="#">RYB</a>	<a href="#">0, 124, 186</a>
Decimal	<a href="#">47709</a>
CIELab	<a href="#">66.45, -60.32, 36.05</a>
CIELCh	<a href="#">66, 70.269, 149.132</a>
Yxy	<a href="#">35.9096, 0.2725, 0.5008</a>
Android (android.graphics.Color)	<a href="#">4278237789 (0xFF00BA5D)</a>
YUV	<a href="#">119.7840, -13.2045, -105.0506</a>
Hunter-Lab	<a href="#">59.9234, -46.6759, 25.8609</a>

# Details

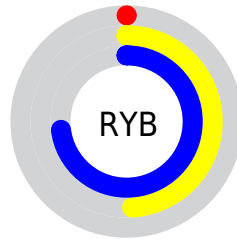
The HunterLab color **59.9234, -46.6759, 25.8609** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **33.5115, 59.7467, 3.3693**, and the grayscale version is **43.3286, -2.3119, 2.3541**.

A 20% lighter version of the original color is **82.8446, -54.5151, 30.9225**, and **40.5147, -33.1390, 20.8977** is the 20% darker color. If you saturate the color by 10%, you get **59.9245, -46.6772, 25.8622**, and if you desaturate by 10%, it is **60.1823, -45.3053, 23.8291**.

# Distribution



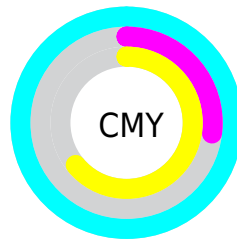
- Red (0%)
- Green (73%)
- Blue (36%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)




- Cyan (100%)
- Magenta (27%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9234, -46.6759, 25.8609 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 59.9234, -46.6759, 25.8609 by changing the saturation by 10% instead.





 59.9234, -46.6759,  
25.8609


 59.9234, -46.6759,  
25.8609


181.2637,  
-78.6337, 47.4803


 49.3603, -42.3914,  
23.0802


 83.0015, -54.6126,  
31.0862


 39.5021, -37.8199,  
20.1462


 95.4458, -58.3396,  
33.5728


 30.4047, -32.8752,  
17.0152


 108.4565,  
-61.9415, 35.9958

 22.1382, -27.4269,  
13.7081

 122.0098,  
-65.4377, 38.3664

 14.7962, -22.7739,  
10.3574

 136.0850,  
-68.8435, 40.6936

 8.4507, -14.7887,  
5.9155

 150.6633,

0.0000, NaN, NaN

-72.1716, 42.9846

0.0000, NaN, NaN

165.7279,  
-75.4322, 45.2452

0.0000, NaN, NaN

■ 59.9234, -46.6759,  
25.8609

■ 59.9234, -46.6759,  
25.8609

■ 59.9245, -46.6772,  
25.8622

■ 60.1823, -45.3053,  
23.8291

■ 60.5619, -43.4021,  
21.6638

■ 61.1004, -40.8279,  
19.4117

■ 61.8131, -37.5435,  
17.1054

■ 62.7103, -33.5382,  
14.7773

■ 63.7983, -28.8251,  
12.4585

■ 65.0800, -23.4366,  
10.1781

■ 66.5554, -17.4198,  
7.9619

■ 68.2219, -10.8317,  
5.8320

# Harmonies

## Analogous

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



59.9246, -29.8242, 34.8498



59.9234, -46.6759, 25.8609



59.9246, -52.3643, 4.1240

# Triad

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



59.9246, -46.6765, 25.8613



59.9246, -4.1110, -87.1209



59.9246, 59.0984, 25.0085

# Complementary

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



59.9234, -46.6759, 25.8609



33.5115, 59.7467, 3.3693

# 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.



59.9246, 69.8055, 2.3867



59.9234, -46.6759, 25.8609



59.9246, 29.0749, -71.5992

# Square

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



59.9246, -46.6765, 25.8613



59.9246, -31.1085, -69.8279



59.9246, 57.8458, -34.2663



59.9246, 30.9846, 34.5656



# Rectangle

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



59.9234, -46.6759, 25.8609



59.9246, -50.1954, -18.7512



59.9246, 57.8458, -34.2663



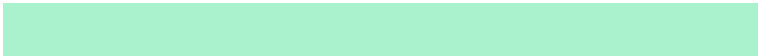
59.9246, 65.0803, 19.1826

# Sweetspot

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



59.9246, -46.6765, 25.8613



87.5236, -31.9370, 13.8548



61.3284, -42.1437, 37.0522



40.7169, -16.4717, 7.1090



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



59.9246, -46.6765, 25.8613



80.6453, -63.0292, 35.2623



62.0758, -33.5907, -5.0761



31.8324, -4.8322, 2.6521



49.1660, -38.1895, 20.9870



9.2987, -6.7538, 2.9569



# Inverse Universe

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



33.5115, 59.7467, 3.3693



45.0613, 80.2393, 5.3152



32.3211, 55.3703, 20.7217



30.1415, 1.6574, 0.7768



27.5136, 49.1055, 2.3710



5.2854, 9.6526, -1.2449



# Previews

## White Background



This preview shows how the HunterLab color 59.9234, -46.6759, 25.8609 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 59.9234, -46.6759, 25.8609 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 59.9234, -46.6759, 25.8609 Background



This preview shows how black text looks on a background with the HunterLab color 59.9234, -46.6759, 25.8609.



This preview shows how white text looks on a background with the HunterLab color 59.9234, -46.6759, 25.8609.

-46.6759, 25.8609.

# 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

59.9234, -46.6759, 25.8609

### Protanopia

59.5625, -6.9070, 28.2321

### Deuteranopia

59.3223, 4.4743, 24.3273



## Tritanopia

59.7639, -23.2792, -11.9102

# Trichromacy



## Original Color

59.9234, -46.6759, 25.8609



## Protanomaly

57.4006, -29.2226, 25.5448



## Deuteranomaly

56.5712, -23.8145, 22.3314



## Tritanomaly

59.2998, -34.1844, 4.9366

# Monochromacy



## Original Color

59.9234, -46.6759, 25.8609



## Achromatopsia

43.3383, -2.3124, 2.3547



## Achromatomaly

47.5487, -24.0156, 10.4843

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.9234, -46.6759, 25.8609 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, 186, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 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, 186, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 93) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.9234, -46.6759, 25.8609 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, 186, 93) }
```



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

```
.border{ border-color:rgb(0, 186, 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, 186, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 93)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 59.9234, -46.6759, 25.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 93) }
```

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

```
.background{ background-color: rgb(0, 186,  
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](#).

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