

# Converting Colors

HunterLab(16.0322, -1.6312,  
9.1228)

Have a look what the booklet for  
HunterLab(16.0322, -1.6312, 9.1228)  
contains.

**HunterLab(15.9586, -1.5841, 9.0591) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(15.9586, -1.5841,  
9.0591)**

# Conversions

Conversions Part 1	
Format	Color
Hex	342C07
RGB	52, 44, 7
RGB Percent	20%, 17%, 3%
CMY	0.7961, 0.8274, 0.9725
CMYK	0.00, 0.15, 0.87, 0.80
HSL	49°, 76%, 12%
HSV	49°, 87%, 20%
XYZ	2.3552, 2.5468, 0.5684
YIQ	42.1740, 16.6450, -9.8110

# Conversions

## Conversions Part 2

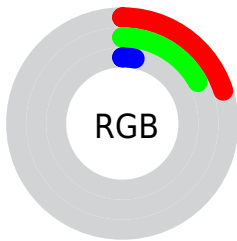
Format	Color
<a href="#">RYB</a>	<a href="#">17, 52, 7</a>
Decimal	<a href="#">3419143</a>
CIELab	<a href="#">18.13, -1.34, 23.13</a>
CIELCh	<a href="#">18, 23.165, 93.313</a>
Yxy	<a href="#">2.5469, 0.4305, 0.4656</a>
Android (android.graphics.Color)	<a href="#">4281609223</a> (0xFF342C07)
YUV	<a href="#">42.1740, -17.3408, 8.6174</a>
Hunter-Lab	<a href="#">15.9586, -1.5841, 9.0591</a>

# Details

The HunterLab color **15.9586, -1.5841, 9.0591** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.9670, 5.7354, -19.1678**, and the grayscale version is **15.3242, -0.8177, 0.8326**.

A 20% lighter version of the original color is **31.7837, -2.5620, 13.4797**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7079, -1.4351, 9.4588**, and if you desaturate by 10%, it is **16.2118, -1.7327, 8.6635**.

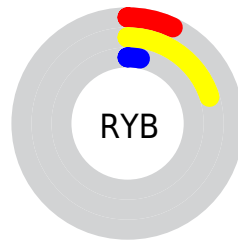
# Distribution



Red (20%)

Green (17%)

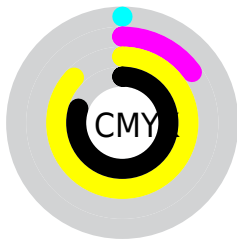
Blue (3%)



Red (7%)

Yellow (20%)

Blue (3%)

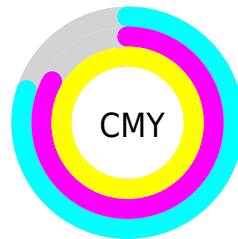


Cyan (0%)

Magenta (15%)

Yellow (87%)

Black (80%)



Cyan (80%)

Magenta (83%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9586, -1.5841, 9.0591 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 15.9586, -1.5841, 9.0591 by changing the saturation by 10% instead.




 15.9586, -1.5841,  
9.0591

 15.9586, -1.5841,  
9.0591


 110.6942, -7.3182,  
26.7779

 9.4871, -1.1228,  
6.6409


 31.8759, -2.6279,  
13.5550

0.0000, NaN, NaN

0.0000, NaN, NaN


 41.1054, -3.2037,  
15.6484

0.0000, NaN, NaN


 51.0856, -3.8132,  
17.6388

0.0000, NaN, NaN

0.0000, NaN, NaN

 61.7639, -4.4550,  
19.5542

0.0000, NaN, NaN


 73.0972, -5.1275,  
21.4137


0.0000, NaN, NaN


0.0000, NaN, NaN


 85.0497, -5.8297,


23.2312


 97.5908, -6.5603,  
25.0166


 15.9586, -1.5841,  
9.0591


 15.9586, -1.5841,  
9.0591


 15.7079, -1.4351,  
9.4588


 16.2118, -1.7327,  
8.6635

 15.6212, -1.3841,  
9.6015

 16.4745, -1.8335,  
8.1512

 16.7493, -1.8756,  
7.4922

 17.0361, -1.8579,  
6.6850

 17.3352, -1.7800,  
5.7294

■ 17.6465, -1.6419,  
4.6266

■ 17.9699, -1.4441,  
3.3791

■ 18.3053, -1.1876,  
1.9898

■ 18.6526, -0.8736,  
0.4626

# Harmonies

## Analogous

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



15.9590, 5.3080, 8.4283



15.9586, -1.5841, 9.0591



15.9590, -7.2871, 8.0807

# Triad

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



15.9590, -1.5847, 9.0592



15.9590, -10.1964, -7.3625



15.9590, 12.2588, -5.6191

# Complementary

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



15.9586, -1.5841, 9.0591



7.9670, 5.7354, -19.1678

# 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.



15.9590, 6.7973, -13.0113



15.9586, -1.5841, 9.0591



15.9590, -6.2003, -14.2744

# Square

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



15.9590, -1.5847, 9.0592



15.9590, -11.7194, 0.1495



15.9590, -0.1066, -16.6776



15.9590, 14.0294, 1.5559



# Rectangle

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



15.9586, -1.5841, 9.0591



15.9590, -9.8686, 6.5624



15.9590, -0.1066, -16.6776



15.9590, 10.7541, -8.2444

# Sweetspot

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



15.9590, -1.5847, 9.0592



23.1432, -2.1760, 6.2140



9.5773, 12.6908, 3.2675



12.5186, -1.1883, 3.4349



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165



# Same Dimension

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



15.9590, -1.5847, 9.0592



20.3662, -1.5673, 12.5221



16.9666, -8.0559, 9.6112



9.8591, -0.6667, 1.2044



26.3672, -1.7878, 16.2160



68.2961, -3.1963, 42.0278



# Inverse Universe

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



7.9670, 5.7354, -19.1678



8.3460, 11.1430, -34.4863



7.4973, 10.9365, -20.8810



9.3961, -0.3414, -0.1996



10.4500, 15.8233, -47.2196

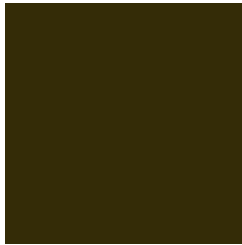


25.3314, 48.6983, -136.7877



# Previews

## White Background



This preview shows how the HunterLab color 15.9586, -1.5841, 9.0591 looks on a white 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



# Black Background



This preview shows how the HunterLab color 15.9586, -1.5841, 9.0591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

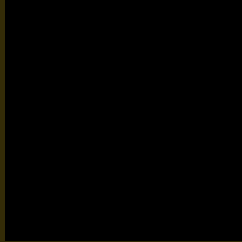
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 15.9586, -1.5841, 9.0591 Background



This preview shows how black text looks on a background with the HunterLab color 15.9586, -1.5841, 9.0591.



This preview shows how white text looks on a background with the HunterLab color 15.9586, -1.5841,



# 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

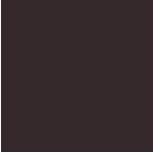
15.9586, -1.5841, 9.0591

### Protanopia

16.0319, -2.5352, 9.0910

### Deuteranopia

15.8563, 0.4251, 8.9190



## Tritanopia

15.9750, 2.9826, 1.0520

# Trichromacy



**Original Color**  
15.9586, -1.5841, 9.0591

**Protanomaly**  
16.1119, -2.2495, 9.1490

**Deuteranomaly**  
15.9922, -0.2691, 8.9979

**Tritanomaly**  
15.8485, 0.9122, 4.9321

# Monochromacy



**Original Color**  
15.9586, -1.5841, 9.0591

**Achromatopsia**  
15.2162, -0.8119, 0.8267

**Achromatomaly**  
15.4832, -1.5902, 5.0617

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.9586, -1.5841, 9.0591 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(52, 44, 7)` looks like.

```
.text, #text, p{  
    color:rgb(52, 44, 7)  
}
```

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(52, 44, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 44, 7) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.9586, -1.5841, 9.0591 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(52, 44, 7) }
```



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

```
.border{ border-color:rgb(52, 44, 7) }
```

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

Here you see how a box with a 4 pixel rgb(52, 44, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 44, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 44, 7); box-shadow:4px  
4px 4px 4px rgb(52, 44, 7) }
```

# Background

The CSS property to change the background color of an element to HunterLab 15.9586, -1.5841, 9.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 44, 7) }
```

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

```
.background{ background-color: rgb(52, 44,  
7) }
```

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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