

# Converting Colors

HunterLab(39.1192, 14.0374,  
20.4331)

Have a look what the booklet for  
HunterLab(39.1192, 14.0374,  
20.4331) contains.

<b>HunterLab(39.1794, 13.9124, 20.4742)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(39.1794, 13.9124,  
20.4742)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5F2E
RGB	155, 95, 46
RGB Percent	61%, 37%, 18%
CMY	0.3922, 0.6274, 0.8196
CMYK	0.00, 0.39, 0.70, 0.39
HSL	27°, 54%, 39%
HSV	27°, 70%, 61%
XYZ	18.1029, 15.3503, 4.5935
YIQ	107.3540, 51.4890, -2.5190

# Conversions

## Conversions Part 2

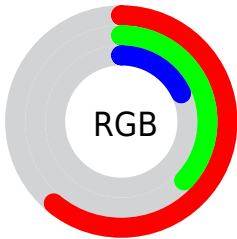
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 135, 46
Decimal	10182446
CIE Lab	46.11, 19.96, 37.46
CIE LCh	46, 42.448, 61.953
Yxy	15.3510, 0.4758, 0.4035
Android (android.graphics.Color)	4288372526 (0xFF9B5F2E)
YUV	107.3540, -30.2475, 41.7855
Hunter-Lab	39.1794, 13.9124, 20.4742

# Details

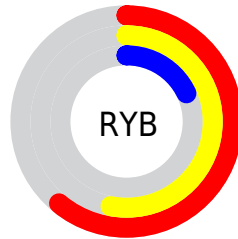
The HunterLab color **39.1794, 13.9124, 20.4742** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36.4071, -3.9128, -28.1356**, and the grayscale version is **38.5772, -2.0584, 2.0960**.

A 20% lighter version of the original color is **59.5920, 14.7495, 26.4425**, and **21.8324, 12.5046, 13.6720** is the 20% darker color. If you saturate the color by 10%, you get **37.1433, 17.2923, 21.1755**, and if you desaturate by 10%, it is **41.3744, 10.7615, 19.2545**.

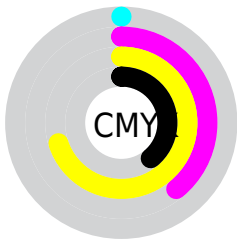
# Distribution



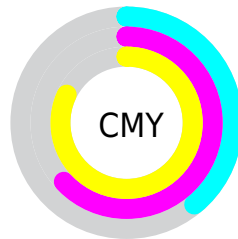
- Red (61%)
- Green (37%)
- Blue (18%)



- Red (61%)
- Yellow (53%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (70%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.1794, 13.9124, 20.4742 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 39.1794, 13.9124, 20.4742 by changing the saturation by 10% instead.



39.1794, 13.9124,  
20.4742

39.1794, 13.9124,  
20.4742

150.1603, 15.9609,  
44.0640

30.1100, 13.2553,  
17.2245

59.5549, 14.8949,  
26.3991

21.8731, 12.4686,  
13.8792

70.7591, 15.2508,  
29.1523

14.5646, 11.5273,  
10.1953

82.5893, 15.5285,  
31.8030

8.2253, 10.8766,  
5.7577

95.0139, 15.7353,  
34.3704

0.0000, INF, NaN

0.0000, NaN, NaN

108.0057, 15.8773,  
36.8695

0.0000, NaN, NaN

121.5410, 15.9595,

0.0000, NaN, NaN

39.3122

0.0000, NaN, NaN

135.5988, 15.9862,  
41.7078

■ 39.1794, 13.9124,  
20.4742

■ 39.1794, 13.9124,  
20.4742

■ 37.1433, 17.2923,  
21.1755

■ 41.3744, 10.7615,  
19.2545

■ 35.2753, 20.8706,  
21.3422

■ 43.7123, 7.8638,  
17.5493

■ 33.6295, 24.4174,  
21.1498

■ 46.1818, 5.2205,  
15.4012

■ 48.7711, 2.8254,  
12.8543

■ 51.4698, 0.6669,  
9.9510

■ 54.2680, -1.2702,  
6.7305

■ 57.1574, -3.0023,  
3.2276

■ 60.1303, -4.5461,  
-0.5269

■ 63.1799, -5.9179,  
-4.5062

# Harmonies

## Analogous

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



39.1804, 28.5061, 14.9449



39.1794, 13.9124, 20.4742



39.1804, -3.1644, 21.8571

# Triad

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



39.1804, 13.9101, 20.4747



39.1804, -28.9499, 1.0938



39.1804, 16.0839, -32.9332

# Complementary

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



39.1794, 13.9124, 20.4742



36.4071, -3.9128, -28.1356

# 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.



39.1804, -1.0093, -41.4087



39.1794, 13.9124, 20.4742



39.1804, -25.4732, -17.3578

# Square

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



39.1804, 13.9101, 20.4747



39.1804, -26.2752, 13.8031



39.1804, -15.8788, -34.7822



39.1804, 29.8996, -14.8094



# Rectangle

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



39.1794, 13.9124, 20.4742



39.1804, -13.2263, 21.0304



39.1804, -15.8788, -34.7822



39.1804, 10.4423, -37.2771

# Sweetspot

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



39.1804, 13.9101, 20.4747



68.4796, 1.1920, 13.7612



31.6234, 41.6830, -6.2620



32.1359, 0.9087, 7.0341



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805



# Same Dimension

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



39.1804, 13.9101, 20.4747



48.3486, 25.6593, 28.5453



53.1620, -10.5735, 29.6902



25.8013, -0.6956, 3.0046



30.2624, 21.5841, 19.0254



4.5619, 0.8023, 2.8251



# Inverse Universe

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



36.4071, -3.9128, -28.1356



43.9443, -1.4332, -47.8769



23.4907, 22.1774, -63.4058



25.6156, -1.9568, -0.2879



26.9001, 2.1597, -38.2851



4.2516, -1.2596, -2.5950



# Previews

## White Background



This preview shows how the HunterLab color 39.1794, 13.9124, 20.4742 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 × Fail



# Black Background



This preview shows how the HunterLab color 39.1794, 13.9124, 20.4742 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1794, 13.9124, 20.4742 Background



This preview shows how black text looks on a background with the HunterLab color 39.1794, 13.9124, 20.4742.



This preview shows how white text looks on a background with the HunterLab color 39.1794, 13.9124,



# 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

39.1794, 13.9124, 20.4742

### Protanopia

39.3951, -4.7019, 19.6512

### Deuteranopia

39.1366, 2.4715, 20.5491



## Tritanopia

39.2759, 21.5629, 7.8736

# Trichromacy



## Original Color

39.1794, 13.9124, 20.4742

## Protanomaly

39.2342, 1.5744, 19.8124

## Deuteranomaly

39.1618, 6.4691, 20.4859

## Tritanomaly

39.2077, 18.3741, 13.5817

# Monochromacy



## Original Color

39.1794, 13.9124, 20.4742

## Achromatopsia

38.3441, -2.0459, 2.0833

## Achromatomaly

38.2642, 2.0887, 10.2979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.1794, 13.9124, 20.4742 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(155, 95, 46)` looks like.

```
.text, #text, p{  
    color:rgb(155, 95, 46)  
}
```

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(155, 95, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 95, 46) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.1794, 13.9124, 20.4742 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(155, 95, 46) }
```



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

```
.border{ border-color:rgb(155, 95, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 95, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 95, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 95, 46);  
box-shadow:4px 4px 4px 4px rgb(155, 95,  
46) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.1794, 13.9124, 20.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 95, 46) }
```

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

```
.background{ background-color: rgb(155, 95,  
46) }
```

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