

# Converting Colors

HunterLab(27.4769, 1.2301,  
6.6047)

Have a look what the booklet for  
HunterLab(27.4769, 1.2301, 6.6047)  
contains.

<b>HunterLab(27.4339, 1.1889, 6.4426)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(27.4339, 1.1889,  
6.4426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	594B40
RGB	89, 75, 64
RGB Percent	35%, 29%, 25%
CMY	0.6510, 0.7059, 0.7490
CMYK	0.00, 0.16, 0.28, 0.65
HSL	26°, 16%, 30%
HSV	26°, 28%, 35%
XYZ	7.5613, 7.5262, 5.9047
YIQ	77.9320, 11.8750, -0.4530

# Conversions

## Conversions Part 2

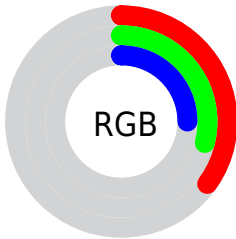
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 84, 64
Decimal	5851968
CIELab	32.98, 3.94, 8.74
CIElCh	33, 9.586, 65.747
Yxy	7.5265, 0.3602, 0.3585
Android (android.graphics.Color)	4284042048 (0xFF594B40)
YUV	77.9320, -6.8685, 9.7066
Hunter-Lab	27.4339, 1.1889, 6.4426




# Details

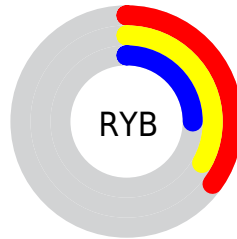
The HunterLab color **27.4339, 1.1889, 6.4426** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.9441, -3.1510, -4.2497**, and the grayscale version is **27.5987, -1.4726, 1.4995**.




A 20% lighter version of the original color is **45.9066, 0.4621, 8.4972**, and **12.4559, 1.5763, 4.0898** is the 20% darker color. If you saturate the color by 10%, you get **26.0449, 2.4182, 7.8342**, and if you desaturate by 10%, it is **28.8770, 0.0708, 4.8886**.

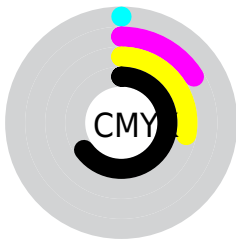
# Distribution







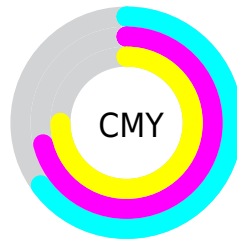
-  Red (35%)
-  Green (29%)
-  Blue (25%)






-  Red (35%)
-  Yellow (33%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (16%)
-  Yellow (28%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (71%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4339, 1.1889, 6.4426 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 27.4339, 1.1889, 6.4426 by changing the saturation by 10% instead.



■ 27.4339, 1.1889,  
6.4426

■ 27.4339, 1.1889,  
6.4426

■ 131.1373, -2.5881,  
16.0679

■ 19.4769, 1.3379,  
5.3556

■ 45.8529, 0.6828,  
8.5542

■ 12.4849, 1.4002,  
4.2128

■ 56.1774, 0.3451,  
9.6024

■ 5.7406, 2.6822,  
4.0184

■ 67.1781, -0.0415,  
10.6545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.8157, -0.4730,  
11.7141

0.0000, NaN, NaN

■ 91.0570, -0.9459,  
12.7838

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.8738, -1.4575,

13.8652

0.0000, NaN, NaN

117.2411, -2.0056,  
14.9596

■ 27.4339, 1.1889,  
6.4426

■ 27.4339, 1.1889,  
6.4426

■ 26.0449, 2.4182,  
7.8342

■ 28.8770, 0.0708,  
4.8886

■ 24.7132, 3.7678,  
9.0431

■ 30.3680, -0.9405,  
3.1885

■ 23.4447, 5.2409,  
10.0492

■ 31.9035, -1.8537,  
1.3582

■ 22.2454, 6.8382,  
10.8317

■ 33.4800, -2.6768,  
-0.5888

■ 21.1215, 8.5551,  
11.3717

■ 35.0943, -3.4171,  
-2.6405

■ 20.0791, 10.3798,  
11.6549

■ 36.7436, -4.0818,  
-4.7865

■ 19.1134, 12.2378,  
11.8404

■ 38.4255, -4.6774,  
-7.0180

■ 18.9365, 12.5867,  
11.8889

■ 40.1378, -5.2100,  
-9.3272

■ 41.8784, -5.6851,  
-11.7073

# Harmonies

## Analogous

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



27.4345, 3.8726, 4.7885



27.4339, 1.1889, 6.4426



27.4345, -2.0974, 6.8422

# Triad

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



27.4345, 1.1880, 6.4430



27.4345, -7.4932, 0.8824



27.4345, 2.3380, -3.8667

# Complementary

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



27.4339, 1.1889, 6.4426



26.9441, -3.1510, -4.2497

# 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.



27.4345, -0.8275, -5.2112



27.4339, 1.1889, 6.4426



27.4345, -6.4239, -2.2692

# Square

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



27.4345, 1.1880, 6.4430



27.4345, -7.0102, 3.8571



27.4345, -4.0214, -4.5946



27.4345, 4.5582, -1.1015



# Rectangle

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



27.4339, 1.1889, 6.4426



27.4345, -4.1657, 6.3895



27.4345, -4.0214, -4.5946



27.4345, 1.3437, -4.5138

# Sweetspot

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



27.4345, 1.1880, 6.4430



39.6579, -1.2087, 4.2048



25.1857, 7.9068, -1.3841



19.8532, -0.5390, 2.2425



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297



# Same Dimension

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



27.4345, 1.1880, 6.4430



34.5804, 2.6592, 9.7142



30.6016, -4.0855, 9.3871



14.9944, -0.4345, 1.6369



22.7500, 15.8735, 14.2964



52.2905, 41.6346, 32.9500



# Inverse Universe

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



26.9441, -3.1510, -4.2497



33.7857, -4.3471, -7.5889



23.8096, 2.1638, -8.8261



14.9173, -1.1194, -0.0459



20.7171, 0.5640, -27.1121

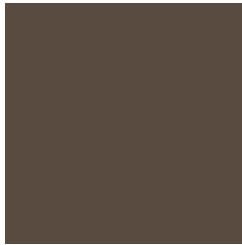


47.2270, 4.6698, -69.1104



# Previews

## White Background



This preview shows how the HunterLab color 27.4339, 1.1889, 6.4426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

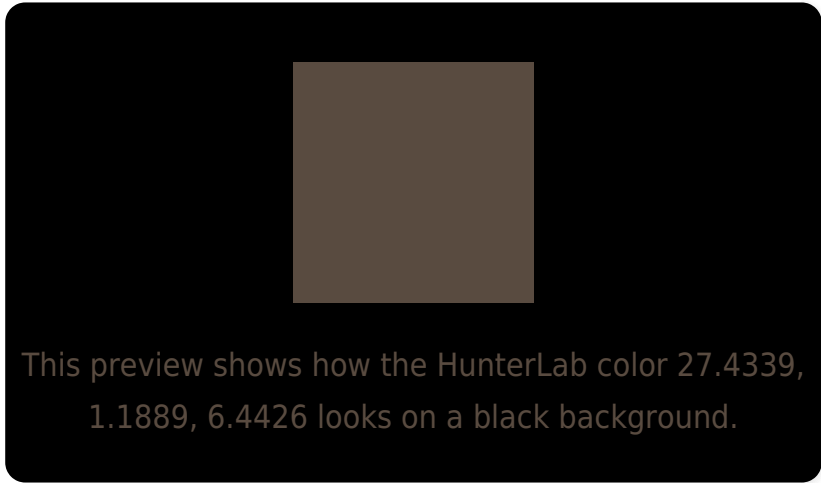
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

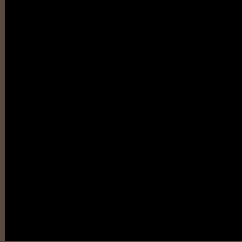
Any Text WCAG AA × Fail

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 27.4339, 1.1889, 6.4426 Background



This preview shows how black text looks on a background with the HunterLab color 27.4339, 1.1889, 6.4426.



This preview shows how white text looks on a background with the HunterLab color 27.4339, 1.1889,

6.4426.

# 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

27.4339, 1.1889, 6.4426

### Protanopia

27.3555, -1.6237, 5.9888

### Deuteranopia

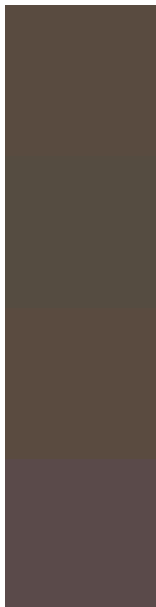
27.5245, 1.4949, 6.5383



## Tritanopia

27.4841, 4.5630, 1.0580

# Trichromacy



## Original Color

27.4339, 1.1889, 6.4426

## Protanomaly

27.3529, -0.3279, 6.0088

## Deuteranomaly

27.5245, 1.4949, 6.5383

## Tritanomaly

27.5057, 3.1408, 3.0390

# Monochromacy



## Original Color

27.4339, 1.1889, 6.4426

## Achromatopsia

27.6017, -1.4728, 1.4997

## Achromatomaly

27.5366, -0.6340, 3.3849

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.4339, 1.1889, 6.4426 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(89, 75, 64)` looks like.

```
.text, #text, p{  
    color:rgb(89, 75, 64)  
}
```

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(89, 75, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 75, 64) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.4339, 1.1889, 6.4426 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(89, 75, 64) }
```



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

```
.border{ border-color:rgb(89, 75, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 75, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 75, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 75, 64);  
box-shadow:4px 4px 4px 4px rgb(89, 75, 64)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.4339, 1.1889, 6.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 75, 64) }
```

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

```
.background{ background-color: rgb(89, 75,  
64) }
```

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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