

Converting Colors

HunterLab(40.4639, 28.8235,
13.5534)

Have a look what the booklet for
HunterLab(40.4639, 28.8235,
13.5534) contains.

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Color

**HunterLab(40.4896, 28.6366,
13.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5653
RGB	175, 86, 83
RGB Percent	69%, 34%, 33%
CMY	0.3137, 0.6627, 0.6745
CMYK	0.00, 0.51, 0.53, 0.31
HSL	2°, 37%, 51%
HSV	2°, 53%, 69%
XYZ	22.5683, 16.3941, 10.1585
YIQ	112.2690, 54.0070, 17.9350

Conversions

Conversions Part 2

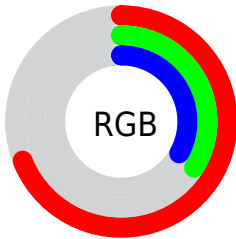
Format	Color
R_{YB}	175, 86, 83
Decimal	11490899
CIE Lab	47.49, 35.96, 18.75
CIE LCh	47, 40.557, 27.540
Yxy	16.3949, 0.4594, 0.3338
Android (android.graphics.Color)	4289680979 (0xFFAF5653)
YUV	112.2690, -14.4296, 55.0151
Hunter-Lab	40.4896, 28.6366, 13.4673

Details

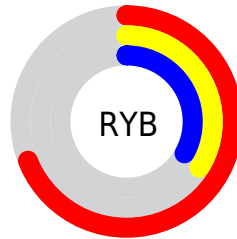
The HunterLab color **40.4896, 28.6366, 13.4673** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **58.6834, -23.4377, -5.2265**, and the grayscale version is **40.3960, -2.1554, 2.1948**.

A 20% lighter version of the original color is **61.1026, 30.9126, 17.0101**, and **22.9200, 25.7136, 9.8298** is the 20% darker color. If you saturate the color by 10%, you get **37.1041, 35.0395, 15.3634**, and if you desaturate by 10%, it is **44.4197, 22.1144, 11.4955**.

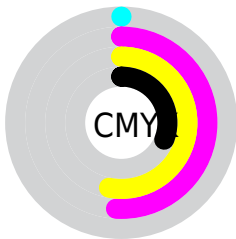
Distribution



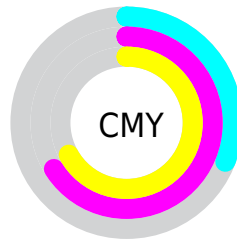
- Red (69%)
- Green (34%)
- Blue (33%)



- Red (69%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4896, 28.6366, 13.4673 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 40.4896, 28.6366, 13.4673 by changing the saturation by 10% instead.

40.4896, 28.6366,
13.4673

40.4896, 28.6366,
13.4673

152.2041, 36.3094,
27.7276

31.3114, 27.2642,
11.6977

61.0594, 31.0015,
16.8092

22.9548, 25.7628,
9.8191

72.3519, 32.0188,
18.4171

15.5116, 24.1474,
7.8116

84.2657, 32.9378,
19.9989

9.1050, 22.5687,
6.3735

96.7699, 33.7667,
21.5622

0.0000, INF, NaN

0.0000, NaN, NaN

109.8380, 34.5124,
23.1128

0.0000, NaN, NaN

123.4464, 35.1813,

0.0000, NaN, NaN

24.6550

0.0000, NaN, NaN

137.5746, 35.7787,
26.1924

■ 40.4896, 28.6366,
13.4673

■ 40.4896, 28.6366,
13.4673

■ 37.1041, 35.0395,
15.3634

■ 44.4197, 22.1144,
11.4955

■ 34.3462, 40.9634,
17.0538

■ 48.8076, 15.7056,
9.5291

■ 32.2883, 45.9215,
18.3822

■ 53.5810, 9.5188,
7.6140

■ 30.9599, 49.4434,
19.2136

■ 58.6792, 3.5924,
5.7697

■ 30.3941, 51.0017,
19.6216

■ 64.0532, -2.0757,
4.0004

■ 69.6638, -7.5068,
2.3025

■ 75.4798, -12.7294,
0.6690

■ 81.4761, -17.7730,
-0.9084

■ 87.6326, -22.6653,
-2.4377

Harmonies

Analogous

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



40.4907, 33.0932, 0.9371



40.4896, 28.6366, 13.4673



40.4907, 15.5683, 19.8539

Triad

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



40.4907, 28.6339, 13.4680



40.4907, -24.8454, 14.9024



40.4907, -3.4652, -38.8946

Complementary

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



40.4896, 28.6366, 13.4673



58.6834, -23.4377, -5.2265

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.



40.4907, -17.2859, -30.7739



40.4896, 28.6366, 13.4673



40.4907, -28.3821, 3.4313

Square

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



40.4907, 28.6339, 13.4680



40.4907, -15.3391, 20.4296



40.4907, -25.8416, -13.6628



40.4907, 12.9493, -32.9485

Rectangle

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



40.4896, 28.6366, 13.4673



40.4907, 4.6400, 21.5482



40.4907, -25.8416, -13.6628



40.4907, -8.5439, -37.6677

Sweetspot

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



40.4907, 28.6339, 13.4680



75.9542, 7.7053, 8.6243



42.8203, 43.2876, -27.9260



35.1600, 4.3836, 4.2997



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.4907, 28.6339, 13.4680



49.0383, 48.1516, 20.9263



50.8390, 6.8642, 21.9028



28.3826, 0.8031, 2.4348



25.7555, 43.0428, 16.6240



4.4479, 6.6770, 2.8577

Inverse Universe

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



58.6834, -23.4377, -5.2265



77.3424, -34.4754, -8.6283



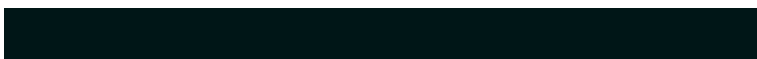
44.9820, -3.5003, -25.8014



30.0442, -3.7784, 0.7795



47.5727, -24.1601, -7.3071



8.0198, -4.1321, -1.1040

Previews

White Background



This preview shows how the HunterLab color 40.4896, 28.6366, 13.4673 looks on a white background.

Color Contrast Check

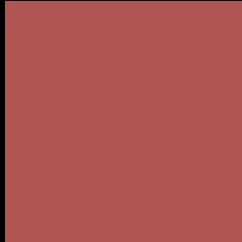
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4896, 28.6366, 13.4673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

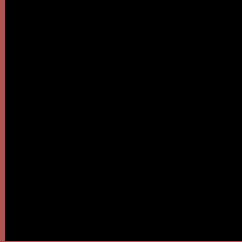
Any Text WCAG AA × Fail

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 40.4896, 28.6366, 13.4673 Background



This preview shows how black text looks on a background with the HunterLab color 40.4896, 28.6366, 13.4673.



This preview shows how white text looks on a background with the HunterLab color 40.4896, 28.6366,

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

40.4896, 28.6366, 13.4673

Protanopia

40.6920, -2.8746, 9.2493

Deuteranopia

40.5469, 2.8498, 14.2182



Tritanopia

40.5986, 30.2585, 11.0921

Trichromacy



Original Color

40.4896, 28.6366, 13.4673

Protanomaly

39.9309, 7.8402, 10.0465

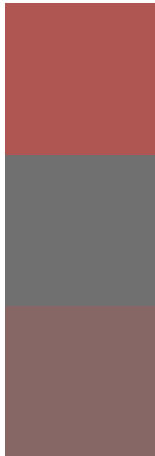
Deuteranomaly

40.2213, 12.0821, 13.8082

Tritanomaly

40.5360, 29.9655, 11.9988

Monochromacy



Original Color

40.4896, 28.6366, 13.4673

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

39.7379, 7.6791, 6.2510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4896, 28.6366, 13.4673 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(175, 86, 83)` looks like.

```
.text, #text, p{  
    color:rgb(175, 86, 83)  
}
```

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(175, 86, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 86, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4896, 28.6366, 13.4673 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(175, 86, 83) }
```


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

```
.border{ border-color:rgb(175, 86, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 86, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 86, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 86, 83);  
box-shadow:4px 4px 4px 4px rgb(175, 86,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4896, 28.6366, 13.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 86, 83) }
```

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

```
.background{ background-color: rgb(175, 86,  
83) }
```

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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