

Converting Colors

HunterLab(28.5144, 19.8052,
-0.2825)

Have a look what the booklet for
HunterLab(28.5144, 19.8052,
-0.2825) contains.

HunterLab(28.4784, 20.0378, -0.4304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.4784, 20.0378,
-0.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	783E56
RGB	120, 62, 86
RGB Percent	47%, 24%, 34%
CMY	0.5294, 0.7568, 0.6627
CMYK	0.00, 0.48, 0.28, 0.53
HSL	335°, 32%, 36%
HSV	335°, 48%, 47%
XYZ	11.1481, 8.1102, 9.7819
YIQ	82.0780, 26.8640, 19.7600

Conversions

Conversions Part 2

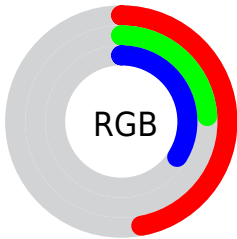
Format	Color
R_{YB}	120, 62, 86
Decimal	7880278
CIE Lab	34.21, 28.32, -3.00
CIE LCh	34, 28.479, 353.948
Yxy	8.1106, 0.3839, 0.2793
Android (android.graphics.Color)	4286070358 (0xFF783E56)
YUV	82.0780, 1.9335, 33.2576
Hunter-Lab	28.4784, 20.0378, -0.4304

Details

The HunterLab color $28.4784, 20.0378, -0.4304$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $39.1175, -19.1060, 6.9953$, and the grayscale version is $29.0629, -1.5507, 1.5790$.

A 20% lighter version of the original color is $47.0586, 22.2772, 0.0406$, and $13.2927, 17.3630, -0.8622$ is the 20% darker color. If you saturate the color by 10%, you get $26.1507, 24.5186, -0.2130$, and if you desaturate by 10%, it is $31.1160, 15.3736, -0.3056$.

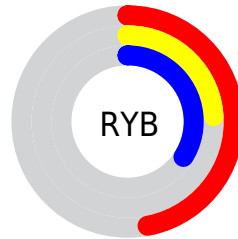
Distribution



Red (47%)

Green (24%)

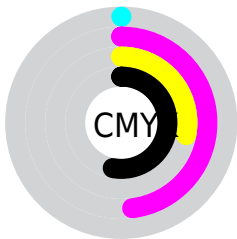
Blue (34%)



Red (47%)

Yellow (24%)

Blue (34%)

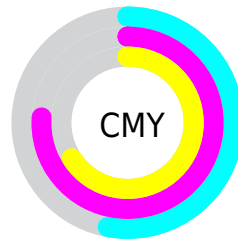


Cyan (0%)

Magenta (48%)

Yellow (28%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4784, 20.0378, -0.4304 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 28.4784, 20.0378, -0.4304 by changing the saturation by 10% instead.

28.4784, 20.0378,
-0.4304

28.4784, 20.0378,
-0.4304

132.8897, 26.1058,
3.9973

20.4103, 18.8081,
-0.6760

47.0903, 22.0780,
0.2448

13.2918, 17.4343,
-0.8474

57.5007, 22.9190,
0.6594

6.8287, 18.6285,
-1.4508

68.5821, 23.6569,
1.1194

0.0000, INF, NaN

0.0000, NaN, NaN

80.2959, 24.3019,
1.6212

0.0000, NaN, NaN

92.6099, 24.8627,
2.1621

0.0000, NaN, NaN

105.4959, 25.3463,

0.0000, NaN, NaN

118.9297, 25.7590,
3.3520

■ 28.4784, 20.0378,
-0.4304

■ 28.4784, 20.0378,
-0.4304

■ 26.1507, 24.5186,
-0.2130

■ 31.1160, 15.3736,
-0.3056

■ 24.1795, 28.6030,
0.3957

■ 34.0157, 10.6718,
0.1013

■ 22.6108, 32.0051,
1.4207

■ 37.1387, 6.0114,
0.7373

■ 21.4740, 34.4309,
2.8338

■ 40.4522, 1.4313,
1.5573

■ 20.6738, 36.0126,
4.4450

■ 43.9292, -3.0547,
2.5253

■ 20.5436, 36.2878,
4.6984

■ 47.5482, -7.4465,
3.6131

■ 51.2914, -11.7512,
4.7993

■ 55.1447, -15.9790,
6.0670

■ 59.0964, -20.1406,
7.4034

Harmonies

Analogous

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



28.4791, 15.5983, -11.3286



28.4784, 20.0378, -0.4304



28.4791, 18.0907, 7.9755

Triad

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



28.4791, 20.0363, -0.4297



28.4791, -8.8571, 13.6466



28.4791, -11.8993, -17.3665

Complementary

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



28.4784, 20.0378, -0.4304



39.1175, -19.1060, 6.9953

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.



28.4791, -16.9404, -6.8420



28.4784, 20.0378, -0.4304



28.4791, -15.3595, 10.2944

Square

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



28.4791, 20.0363, -0.4297



28.4791, 0.5177, 14.3344



28.4791, -18.1147, 3.3975



28.4791, -3.5041, -23.0389

Rectangle

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



28.4784, 20.0378, -0.4304



28.4791, 13.5532, 11.4863



28.4791, -18.1147, 3.3975



28.4791, -13.9935, -14.1357

Sweetspot

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



28.4791, 20.0363, -0.4297



50.9777, 5.5359, 1.3851



26.9806, 18.4099, -22.1006



24.4392, 3.2242, 0.5834



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.4791, 20.0363, -0.4297



34.3719, 33.1391, -0.2207



28.8718, 15.0880, 8.6949



20.0997, 0.8872, 0.7449



21.4510, 37.8787, 4.9992



46.6779, 82.0984, 13.4105

Inverse Universe

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



28.4791, 20.0363, -0.4297



34.3719, 33.1391, -0.2207



38.3144, -13.3489, -4.1219



20.0997, 0.8872, 0.7449



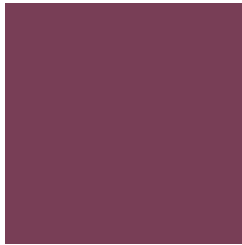
21.4510, 37.8787, 4.9992



46.6779, 82.0984, 13.4105

Previews

White Background



This preview shows how the HunterLab color 28.4784, 20.0378, -0.4304 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

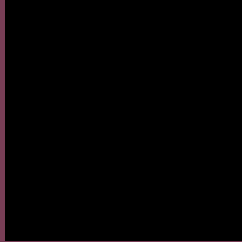
Any Text WCAG AA × Fail

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 28.4784, 20.0378, -0.4304 Background



This preview shows how black text looks on a background with the HunterLab color 28.4784, 20.0378, -0.4304.



This preview shows how white text looks on a background with the HunterLab color 28.4784, 20.0378, -0.4304.

-0.4304.

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

28.4784, 20.0378, -0.4304

Protanopia

28.6303, 0.6086, -6.2771

Deuteranopia

28.7945, 1.5695, 0.9198



Tritanopia

28.5390, 16.3777, 5.8345

Trichromacy



Original Color

28.4784, 20.0378, -0.4304

Protanomaly

28.1076, 7.4406, -4.8877

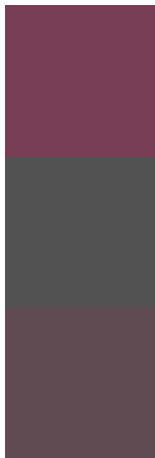
Deuteranomaly

28.4860, 8.0390, 0.2361

Tritanomaly

28.4790, 17.5131, 3.6204

Monochromacy



Original Color

28.4784, 20.0378, -0.4304

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.5368, 5.7389, 0.6819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4784, 20.0378, -0.4304 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(120, 62, 86)` looks like.

```
.text, #text, p{  
    color:rgb(120, 62, 86)  
}
```

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(120, 62, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 62, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4784, 20.0378, -0.4304 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(120, 62, 86) }
```


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

```
.border{ border-color:rgb(120, 62, 86) }
```

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

Here you see how a box with a 4 pixel rgb(120, 62, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 62, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 62, 86);  
box-shadow:4px 4px 4px 4px rgb(120, 62,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.4784, 20.0378, -0.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 62, 86) }
```

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

```
.background{ background-color: rgb(120, 62,  
86) }
```

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