

Converting Colors

HunterLab(40.6765, -20.9907,
9.0012)

Have a look what the booklet for
HunterLab(40.6765, -20.9907,
9.0012) contains.

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Color

**HunterLab(40.6820,
-20.9584, 8.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7D5F
RGB	63, 125, 95
RGB Percent	25%, 49%, 37%
CMY	0.7529, 0.5098, 0.6274
CMYK	0.50, 0.00, 0.24, 0.51
HSL	151°, 33%, 37%
HSV	151°, 50%, 49%
XYZ	11.4491, 16.5503, 13.4176
YIQ	103.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

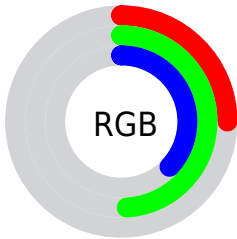
Format	Color
RYB	63, 104, 125
Decimal	4160863
CIELab	47.69, -27.58, 10.28
CIELCh	48, 29.439, 159.557
Yxy	16.5509, 0.2764, 0.3996
Android (android.graphics.Color)	4282350943 (0xFF3F7D5F)
YUV	103.0420, -3.9647, -35.1168
Hunter-Lab	40.6820, -20.9584, 8.9226

Details

The HunterLab color $40.6820, -20.9584, 8.9226$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $29.5054, 22.2406, -2.2407$, and the grayscale version is $36.8670, -1.9671, 2.0031$.

A 20% lighter version of the original color is $61.2617, -25.3279, 11.3799$, and $22.9917, -15.9115, 6.3956$ is the 20% darker color. If you saturate the color by 10%, you get $40.0990, -23.5422, 10.3376$, and if you desaturate by 10%, it is $41.3819, -17.9545, 7.5267$.

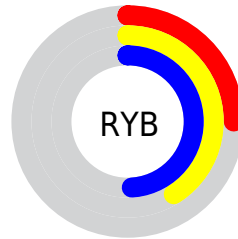
Distribution



Red (25%)

Green (49%)

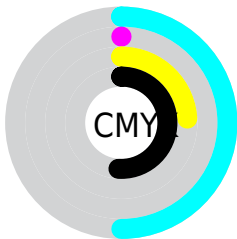
Blue (37%)



Red (25%)

Yellow (41%)

Blue (49%)

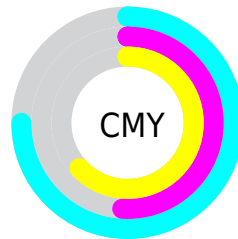


Cyan (50%)

Magenta (0%)

Yellow (24%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6820, -20.9584, 8.9226 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 40.6820, -20.9584, 8.9226 by changing the saturation by 10% instead.

40.6820, -20.9584,
8.9226

40.6820, -20.9584,
8.9226

152.5028,
-39.1397, 19.3230

31.4878, -18.5987,
7.7633

61.2797, -25.3465,
11.2045

23.1139, -16.0663,
6.5726

72.5850, -27.4280,
12.3418

15.6512, -13.2760,
5.3240

84.5109, -29.4573,
13.4829

9.2262, -13.5209,
5.1219

97.0268, -31.4459,
14.6306

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1058,
-33.4024, 15.7872

0.0000, NaN, NaN

123.7249,

0.0000, NaN, NaN

-35.3335, 16.9541

0.0000, NaN, NaN

137.8634,
-37.2445, 18.1324

■ 40.6820, -20.9584,
8.9226

■ 40.6820, -20.9584,
8.9226

■ 40.0990, -23.5422,
10.3376

■ 41.3819, -17.9545,
7.5267

■ 39.6270, -25.6945,
11.7529

■ 42.1975, -14.5494,
6.1647

■ 39.2616, -27.4184,
13.1504

■ 43.1295, -10.7715,
4.8512

■ 38.9947, -28.7318,
14.5110

■ 44.1762, -6.6543,
3.5980

■ 38.7943, -29.7583,
15.7968

■ 45.3351, -2.2341,
2.4146

■ 38.7865, -29.7980,
15.8457

■ 46.6026, 2.4518,
1.3079

■ 47.9747, 7.3668,
0.2826

■ 49.4467, 12.4763,
-0.6588

■ 51.0139, 17.7487,
-1.5155

Harmonies

Analogous

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



40.6828, -15.3704, 15.3660



40.6820, -20.9584, 8.9226



40.6828, -21.8360, -1.4510

Triad

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



40.6828, -20.9589, 8.9230



40.6828, 1.5798, -24.6077



40.6828, 16.4016, 13.5006

Complementary

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



40.6820, -20.9584, 8.9226



29.5054, 22.2406, -2.2407

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.



40.6828, 22.1213, 5.5677



40.6820, -20.9584, 8.9226



40.6828, 12.9561, -17.6695

Square

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



40.6828, -20.9589, 8.9230



40.6828, -9.6418, -22.9668



40.6828, 20.7945, -5.8758



40.6828, 5.8770, 17.4515

Rectangle

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



40.6820, -20.9584, 8.9226



40.6828, -19.7427, -9.6441



40.6828, 20.7945, -5.8758



40.6828, 19.0004, 11.3170

Sweetspot

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



40.6828, -20.9589, 8.9230



58.2892, -12.1323, 5.7705



41.7212, -18.0453, 18.7092



27.6870, -6.2328, 2.8909



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.6828, -20.9589, 8.9230



53.5309, -32.0801, 14.1847



41.4794, -16.2765, -2.4597



22.0293, -3.2112, 1.7627



39.6223, -30.4528, 16.2143

0.0000, NaN, NaN

Inverse Universe

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



29.5054, 22.2406, -2.2407



35.7843, 37.2084, -3.0185



28.7650, 18.7445, 8.3595



20.9194, 1.0006, 0.6104



22.1246, 39.4459, 2.2277

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6820, -20.9584, 8.9226 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 40.6820, -20.9584, 8.9226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

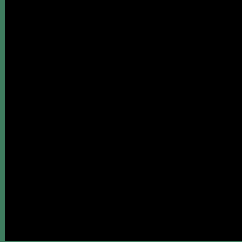
Any Text WCAG AA × Fail

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 40.6820, -20.9584, 8.9226 Background



This preview shows how black text looks on a background with the HunterLab color 40.6820, -20.9584, 8.9226.



This preview shows how white text looks on a background with the HunterLab color 40.6820, -20.9584, 8.9226.

-20.9584, 8.9226.

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

40.6820, -20.9584, 8.9226

Protanopia

40.3766, -2.8291, 10.9520

Deuteranopia

40.2681, 2.7464, 7.4805



Tritanopia

40.5245, -11.8141, -6.1344

Trichromacy



Original Color

40.6820, -20.9584, 8.9226

Protanomaly

40.1629, -10.7513, 9.9488

Deuteranomaly

39.8240, -7.2510, 7.2089

Tritanomaly

40.5816, -15.4875, 0.1468

Monochromacy



Original Color

40.6820, -20.9584, 8.9226

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.8995, -9.7628, 4.3212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6820, -20.9584, 8.9226 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(63, 125, 95)` looks like.

```
.text, #text, p{  
    color:rgb(63, 125, 95)  
}
```

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(63, 125, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 125, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6820, -20.9584, 8.9226 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(63, 125, 95) }
```


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

```
.border{ border-color:rgb(63, 125, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 125, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 125, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 125, 95);  
box-shadow:4px 4px 4px 4px rgb(63, 125,  
95) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6820, -20.9584, 8.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 125, 95) }
```

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

```
.background{ background-color: rgb(63, 125,  
95) }
```

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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