

Converting Colors

HunterLab(27.8194, -20.5566,
9.6040)

Have a look what the booklet for
HunterLab(27.8194, -20.5566,
9.6040) contains.

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Color

**HunterLab(27.8194,
-20.5566, 9.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	005B35
RGB	0, 91, 53
RGB Percent	0%, 36%, 21%
CMY	1.0000, 0.6431, 0.7922
CMYK	1.00, 0.00, 0.42, 0.64
HSL	155°, 100%, 18%
HSV	155°, 100%, 36%
XYZ	4.3837, 7.7392, 4.6309
YIQ	59.4590, -42.0380, -31.1100

Conversions

Conversions Part 2

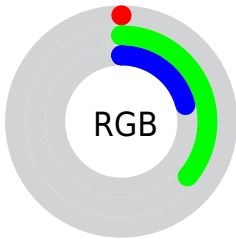
Format	Color
RYB	0, 58, 91
Decimal	23349
CIELab	33.43, -33.77, 15.42
CIELCh	33, 37.121, 155.458
Yxy	7.7395, 0.2617, 0.4619
Android (android.graphics.Color)	4278213429 (0xFF005B35)
YUV	59.4590, -3.1843, -52.1455
Hunter-Lab	27.8194, -20.5566, 9.6040

Details

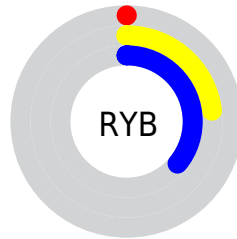
The HunterLab color **27.8194, -20.5566, 9.6040** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.3761, 27.2413, 2.8796**, and the grayscale version is **21.0924, -1.1254, 1.1460**.

A 20% lighter version of the original color is **46.2864, -26.1629, 12.6197**, and **13.4948, -11.0500, 6.9865** is the 20% darker color. If you saturate the color by 10%, you get **27.8199, -20.5571, 9.6045**, and if you desaturate by 10%, it is **27.9904, -19.7199, 8.7579**.

Distribution



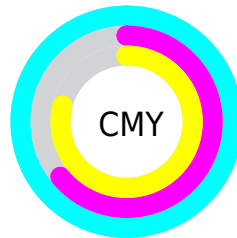
- Red (0%)
- Green (36%)
- Blue (21%)



- Red (0%)
- Yellow (23%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8194, -20.5566, 9.6040 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 27.8194, -20.5566, 9.6040 by changing the saturation by 10% instead.

■ 27.8194, -20.5566,
9.6040

■ 27.8194, -20.5566,
9.6040

131.7855,
-42.6467, 22.5154

■ 19.8210, -17.3823,
7.9593

■ 46.3100, -26.1795,
12.6483

■ 12.7819, -14.1388,
6.4359

■ 56.6664, -28.7579,
14.1010

■ 6.1661, -10.7906,
4.3163

■ 67.6970, -31.2308,
15.5276

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.3629, -33.6217,
16.9374

0.0000, NaN, NaN

■ 91.6312, -35.9474,
18.3368

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.4737,

-38.2206, 19.7307

0.0000, NaN, NaN

■ 117.8657,
-40.4512, 21.1226

■ 27.8194, -20.5566,
9.6040

■ 27.8194, -20.5566,
9.6040

■ 27.8199, -20.5571,
9.6045

■ 27.9904, -19.7199,
8.7579

■ 28.1880, -18.7679,
7.8726

■ 28.4506, -17.5515,
6.9903

■ 28.7830, -16.0602,
6.1230

■ 29.1886, -14.2930,
5.2815

■ 29.6691, -12.2564,
4.4756

■ 30.2256, -9.9629,
3.7139

■ 30.8578, -7.4295,
3.0034

■ 31.5649, -4.6761,
2.3499

Harmonies

Analogous

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



27.8200, -14.3982, 14.6492



27.8194, -20.5566, 9.6040



27.8200, -22.0294, -0.8113

Triad

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



27.8200, -20.5569, 9.6042



27.8200, 0.8994, -33.4360



27.8200, 21.5930, 11.9773

Complementary

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



27.8194, -20.5566, 9.6040



15.3761, 27.2413, 2.8796

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.



27.8200, 27.5746, 3.6550



27.8194, -20.5566, 9.6040



27.8200, 14.3188, -25.1820

Square

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



27.8200, -20.5569, 9.6042



27.8200, -11.0084, -29.4048



27.8200, 24.6970, -10.1020



27.8200, 9.5194, 15.5201

Rectangle

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



27.8194, -20.5566, 9.6040



27.8200, -20.4387, -10.5785



27.8200, 24.6970, -10.1020



27.8200, 24.4736, 9.8305

Sweetspot

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



27.8200, -20.5569, 9.6042



39.4496, -13.3193, 4.9459



28.1466, -20.1191, 16.9914



19.2982, -6.9438, 2.5569



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.



27.8200, -20.5569, 9.6042



36.3508, -27.0340, 12.9233



26.9112, -13.0557, -5.4527



16.1423, -2.2157, 1.1619



33.8305, -25.1202, 11.9421



79.0529, -59.4859, 29.6037

Inverse Universe

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



15.3761, 27.2413, 2.8796



20.0608, 35.4594, 4.3994



15.3492, 24.0799, 9.8794



15.3688, 0.5858, 0.5791



18.6767, 33.0317, 3.9502



43.5107, 76.5853, 12.0553

Previews

White Background



This preview shows how the HunterLab color 27.8194, -20.5566, 9.6040 looks on a white background.

Color Contrast Check

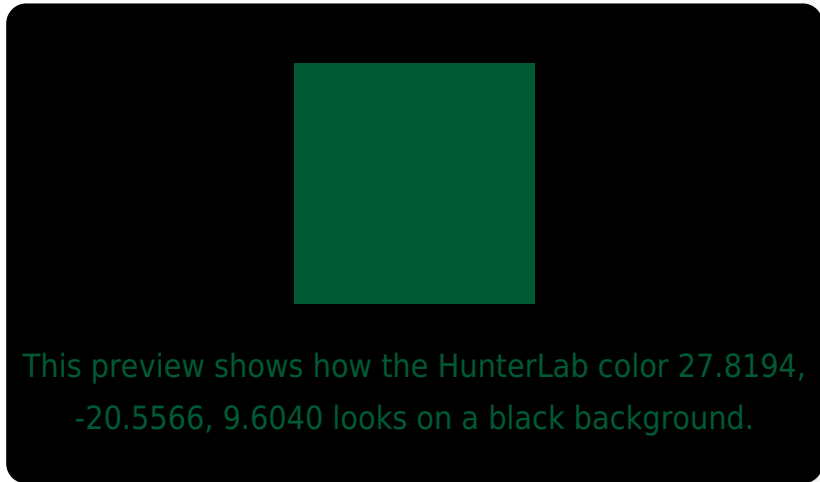
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8194, -20.5566, 9.6040 Background



This preview shows how black text looks on a background with the HunterLab color 27.8194, -20.5566, 9.6040.



This preview shows how white text looks on a background with the HunterLab color 27.8194,

-20.5566, 9.6040.

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

27.8194, -20.5566, 9.6040

Protanopia

27.8995, -2.9683, 11.1970

Deuteranopia

27.6672, 1.7044, 8.7830



Tritanopia

27.8733, -10.7978, -5.0419

Trichromacy



Original Color

27.8194, -20.5566, 9.6040

Protanomaly

26.8869, -12.2339, 9.6990

Deuteranomaly

26.6462, -10.0557, 7.9183

Tritanomaly

27.7289, -15.2181, 1.4085

Monochromacy



Original Color

27.8194, -20.5566, 9.6040

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.8341, -10.3237, 3.8385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8194, -20.5566, 9.6040 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(0, 91, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 53)  
}
```

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(0, 91, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8194, -20.5566, 9.6040 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(0, 91, 53) }
```


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

```
.border{ border-color:rgb(0, 91, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 91, 53); box-shadow:4px  
4px 4px 4px rgb(0, 91, 53) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8194, -20.5566, 9.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 53) }
```

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

```
.background{ background-color: rgb(0, 91,  
53) }
```

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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