

Converting Colors

HunterLab(27.0183, -16.6954,
5.7150)

Have a look what the booklet for
HunterLab(27.0183, -16.6954,
5.7150) contains.

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Color

**HunterLab(27.1240,
-16.7706, 5.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	165740
RGB	22, 87, 64
RGB Percent	9%, 34%, 25%
CMY	0.9137, 0.6588, 0.7490
CMYK	0.75, 0.00, 0.26, 0.66
HSL	159°, 60%, 21%
HSV	159°, 75%, 34%
XYZ	4.6645, 7.3571, 6.0247
YIQ	64.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

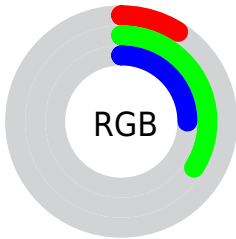
Format	Color
R_{YB}	22, 61, 87
Decimal	1464128
CIE Lab	32.61, -26.45, 7.59
CIE LCh	33, 27.520, 163.984
Yxy	7.3574, 0.2585, 0.4077
Android (android.graphics.Color)	4279654208 (0xFF165740)
YUV	64.9430, -0.4649, -37.6610
Hunter-Lab	27.1240, -16.7706, 5.8175

Details

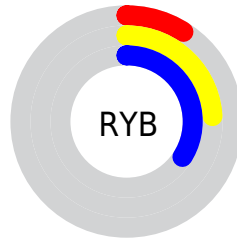
The HunterLab color **27.1240, -16.7706, 5.8175** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.7024, 20.9070, 1.8441**, and the grayscale version is **22.9815, -1.2262, 1.2486**.

A 20% lighter version of the original color is **45.3399, -21.1886, 7.5215**, and **12.8211, -9.3811, 4.2259** is the 20% darker color. If you saturate the color by 10%, you get **26.9084, -17.7757, 6.5661**, and if you desaturate by 10%, it is **27.4035, -15.5179, 5.0982**.

Distribution



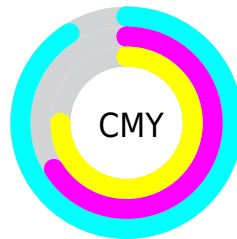
- Red (9%)
- Green (34%)
- Blue (25%)



- Red (9%)
- Yellow (24%)
- Blue (34%)



- Cyan (75%)
- Magenta (0%)
- Yellow (26%)
- Black (66%)



- Cyan (91%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1240, -16.7706, 5.8175 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 27.1240, -16.7706, 5.8175 by changing the saturation by 10% instead.

■ 27.1240, -16.7706,
5.8175

■ 27.1240, -16.7706,
5.8175

130.6144,
-35.1258, 14.8942

■ 19.2005, -14.2211,
4.8214

■ 45.4848, -21.3401,
7.7752

■ 12.2468, -11.5087,
3.7847

■ 55.7835, -23.4597,
8.7563

■ 5.3723, -9.4016,
3.7606

■ 66.7599, -25.5068,
9.7459

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.3746, -27.4989,
10.7469

0.0000, NaN, NaN

■ 90.5942, -29.4485,
11.7611

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3901,

-31.3650, 12.7899

0.0000, NaN, NaN

116.7375,
-33.2556, 13.8341

27.1240, -16.7706,
5.8175

27.1240, -16.7706,
5.8175

26.9084, -17.7757,
6.5661

27.4035, -15.5179,
5.0982

26.7399, -18.5868,
7.3221

27.7490, -14.0120,
4.4170

26.6538, -19.0031,
7.7073

28.1633, -12.2554,
3.7828

28.6477, -10.2563,
3.2028

29.2027, -8.0277,
2.6825

■ 29.8278, -5.5861,
2.2264

■ 30.5220, -2.9504,
1.8371

■ 31.2836, -0.1406,
1.5161

■ 32.1106, 2.8228,
1.2634

Harmonies

Analogous

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



27.1245, -12.9282, 11.1869



27.1240, -16.7706, 5.8175



27.1245, -16.8977, -3.0316

Triad

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



27.1245, -16.7708, 5.8178



27.1245, 3.0739, -21.1630



27.1245, 12.8713, 10.9319

Complementary

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



27.1240, -16.7706, 5.8175



16.7024, 20.9070, 1.8441

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.



27.1245, 18.4859, 5.3230



27.1240, -16.7706, 5.8175



27.1245, 12.3281, -14.0995

Square

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



27.1245, -16.7708, 5.8178



27.1245, -6.2729, -20.8883



27.1245, 18.2745, -3.7273



27.1245, 3.7381, 13.3744

Rectangle

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



27.1240, -16.7706, 5.8175



27.1245, -14.9071, -10.0439



27.1245, 18.2745, -3.7273



27.1245, 15.2850, 9.4572

Sweetspot

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



27.1245, -16.7708, 5.8178



38.3045, -9.8696, 3.3781



27.2976, -17.2174, 14.8703



18.8642, -5.0955, 1.7134



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.1245, -16.7708, 5.8178



34.9764, -24.0659, 9.3957



25.2096, -10.1330, -5.8506



15.3323, -2.0507, 1.0078



33.1186, -23.7406, 9.8537



78.3845, -56.9517, 24.9686

Inverse Universe

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



16.7024, 20.9070, 1.8441



19.7665, 31.7092, 4.6834



17.4557, 16.0504, 8.4585



14.5951, 0.5016, 0.6469



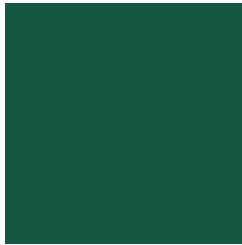
18.0867, 31.7441, 5.7176



42.6836, 74.5607, 16.2348

Previews

White Background



This preview shows how the HunterLab color 27.1240, -16.7706, 5.8175 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

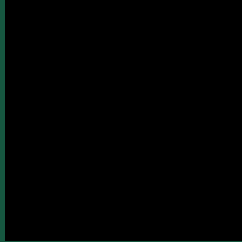
Any Text WCAG AA × Fail

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 27.1240, -16.7706, 5.8175 Background



This preview shows how black text looks on a background with the HunterLab color 27.1240, -16.7706, 5.8175.



This preview shows how white text looks on a background with the HunterLab color 27.1240,

-16.7706, 5.8175.

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

27.1240, -16.7706, 5.8175

Protanopia

26.9787, -1.8674, 7.4982

Deuteranopia

27.0722, 1.3651, 5.0760



Tritanopia

27.2693, -10.3517, -4.4091

Trichromacy



Original Color

27.1240, -16.7706, 5.8175

Protanomaly

26.5234, -8.9004, 6.3188

Deuteranomaly

26.5369, -7.2292, 4.7095

Tritanomaly

27.1424, -12.8472, -0.5046

Monochromacy



Original Color

27.1240, -16.7706, 5.8175

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.0826, -8.0249, 2.3868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1240, -16.7706, 5.8175 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(22, 87, 64)` looks like.

```
.text, #text, p{  
    color:rgb(22, 87, 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(22, 87, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 87, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1240, -16.7706, 5.8175 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(22, 87, 64) }
```


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

```
.border{ border-color:rgb(22, 87, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 87, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 87, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 87, 64);  
box-shadow:4px 4px 4px 4px rgb(22, 87, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.1240, -16.7706, 5.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 87, 64) }
```

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

```
.background{ background-color: rgb(22, 87,  
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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