

Converting Colors

HunterLab(26.9463, -20.4510,
5.0296)

Have a look what the booklet for
HunterLab(26.9463, -20.4510,
5.0296) contains.

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Color

**HunterLab(27.4556,
-18.4286, 5.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	005942
RGB	0, 89, 66
RGB Percent	0%, 35%, 26%
CMY	1.0000, 0.6510, 0.7412
CMYK	1.00, 0.00, 0.26, 0.65
HSL	164°, 100%, 17%
HSV	164°, 100%, 35%
XYZ	4.5557, 7.5381, 6.3691
YIQ	59.7670, -45.6610, -26.0210

Conversions

Conversions Part 2

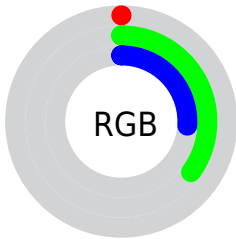
Format	Color
RYB	0, 51, 89
Decimal	22850
CIELab	33.00, -29.59, 6.85
CIELCh	33, 30.371, 166.967
Yxy	7.5384, 0.2468, 0.4083
Android (android.graphics.Color)	4278212930 (0xFF005942)
YUV	59.7670, 3.0729, -52.4157
Hunter-Lab	27.4556, -18.4286, 5.4649

Details

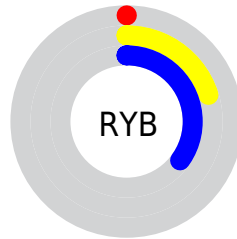
The HunterLab color **27.4556, -18.4286, 5.4649** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **14.7847, 25.7364, 6.3091**, and the grayscale version is **21.1785, -1.1300, 1.1507**.

A 20% lighter version of the original color is **45.9666, -23.5050, 7.3791**, and **13.1065, -9.5538, 4.2419** is the 20% darker color. If you saturate the color by 10%, you get **27.4561, -18.4291, 5.4654**, and if you desaturate by 10%, it is **27.6107, -17.6974, 4.8566**.

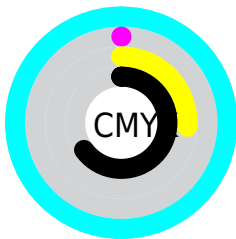
Distribution



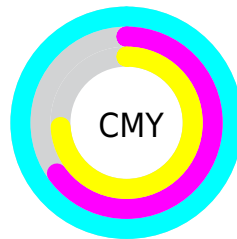
- Red (0%)
- Green (35%)
- Blue (26%)



- Red (0%)
- Yellow (20%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4556, -18.4286, 5.4649 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 27.4556, -18.4286, 5.4649 by changing the saturation by 10% instead.

■ 27.4556, -18.4286,
5.4649

■ 27.4556, -18.4286,
5.4649

131.1736,
-38.3764, 14.1948

■ 19.4962, -15.6130,
4.5286

■ 45.8785, -23.4467,
7.3237

■ 12.5016, -12.6564,
3.5633

■ 56.2048, -25.7618,
8.2621

■ 5.7653, -10.0893,
4.0357

■ 67.2072, -27.9905,
9.2123

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.8464, -30.1527,
10.1764

0.0000, NaN, NaN

■ 91.0893, -32.2627,
11.1559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9075,

-34.3315, 12.1518

0.0000, NaN, NaN

■ 117.2762,
-36.3672, 13.1646

■ 27.4556, -18.4286,
5.4649

■ 27.4556, -18.4286,
5.4649

■ 27.4561, -18.4291,
5.4654

■ 27.6107, -17.6974,
4.8566

■ 27.7877, -16.8768,
4.2506

■ 28.0245, -15.8197,
3.6923

■ 28.3263, -14.5138,
3.1916

■ 28.6961, -12.9560,
2.7563

■ 29.1362, -11.1500,
2.3925

■ 29.6476, -9.1050,
2.1047

■ 30.2304, -6.8344,
1.8956

■ 30.8842, -4.3549,
1.7665

Harmonies

Analogous

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



27.4561, -14.6649, 11.6007



27.4556, -18.4286, 5.4649



27.4561, -18.1640, -4.6894

Triad

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



27.4561, -18.4288, 5.4652



27.4561, 4.6470, -23.7955



27.4561, 13.6359, 12.1171

Complementary

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



27.4556, -18.4286, 5.4649



14.7847, 25.7364, 6.3091

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.



27.4561, 20.5178, 6.5080



27.4556, -18.4286, 5.4649



27.4561, 14.8197, -15.0117

Square

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



27.4561, -18.4288, 5.4652



27.4561, -5.8526, -24.4118



27.4561, 20.9808, -3.1750



27.4561, 3.2135, 14.3566

Rectangle

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



27.4556, -18.4286, 5.4649



27.4561, -15.7476, -12.6646



27.4561, 20.9808, -3.1750



27.4561, 16.5037, 10.6837

Sweetspot

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



27.4561, -18.4288, 5.4652



38.6804, -12.1665, 2.7820



27.0850, -21.4132, 16.3146



19.3757, -6.4964, 1.4475



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.



27.4561, -18.4288, 5.4652



35.8635, -24.2092, 7.4346



22.1000, -7.2988, -11.8665



15.3420, -1.9970, 0.8699



33.3270, -22.4650, 6.8396



78.8940, -53.8285, 17.5896

Inverse Universe

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



14.7847, 25.7364, 6.3091



19.2870, 33.5066, 8.7656



16.2845, 19.5561, 10.3764



14.5854, 0.4491, 0.7857



17.9285, 31.1622, 8.0261



42.3404, 73.2956, 21.2637

Previews

White Background



This preview shows how the HunterLab color 27.4556, -18.4286, 5.4649 looks on a white background.

Color Contrast Check

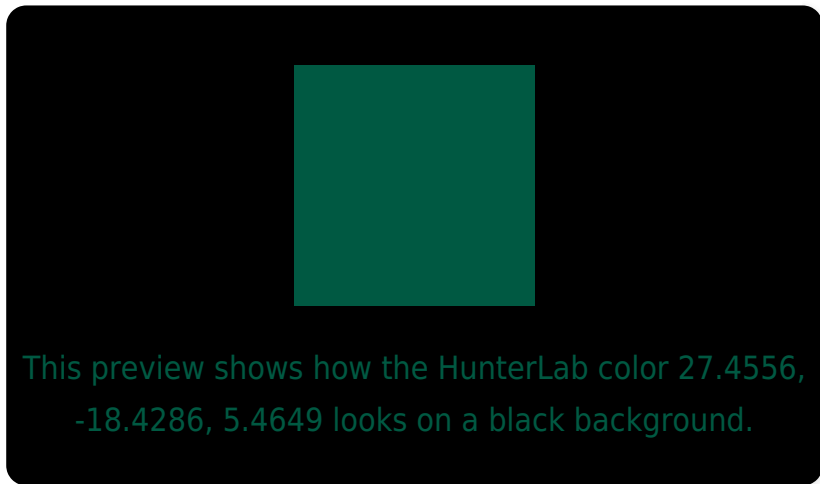
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4556, -18.4286, 5.4649 Background



This preview shows how black text looks on a background with the HunterLab color 27.4556, -18.4286, 5.4649.



This preview shows how white text looks on a background with the HunterLab color 27.4556,

-18.4286, 5.4649.

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

27.4556, -18.4286, 5.4649

Protanopia

27.6129, -2.2058, 7.4967

Deuteranopia

27.4527, 1.4695, 4.7823



Tritanopia

27.7299, -11.4095, -4.7616

Trichromacy



Original Color

27.4556, -18.4286, 5.4649

Protanomaly

26.7401, -10.8638, 5.8600

Deuteranomaly

26.4489, -8.8770, 3.8829

Tritanomaly

27.5128, -14.2871, -0.9326

Monochromacy



Original Color

27.4556, -18.4286, 5.4649

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.9485, -9.6530, 2.1972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4556, -18.4286, 5.4649 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, 89, 66)` looks like.

```
.text, #text, p{  
  color:rgb(0, 89, 66)  
}
```

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, 89, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4556, -18.4286, 5.4649 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, 89, 66) }
```


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

```
.border{ border-color:rgb(0, 89, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 66); box-shadow:4px  
4px 4px 4px rgb(0, 89, 66) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.4556, -18.4286, 5.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 66) }
```

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

```
.background{ background-color: rgb(0, 89,  
66) }
```

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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