

Converting Colors

HunterLab(30.0122, -20.0686,
5.8097)

Have a look what the booklet for
HunterLab(30.0122, -20.0686,
5.8097) contains.

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Color

**HunterLab(30.0507,
-20.0537, 5.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	006149
RGB	0, 97, 73
RGB Percent	0%, 38%, 29%
CMY	1.0000, 0.6196, 0.7137
CMYK	1.00, 0.00, 0.25, 0.62
HSL	165°, 100%, 19%
HSV	165°, 100%, 38%
XYZ	5.4773, 9.0304, 7.7577
YIQ	65.2610, -50.1080, -28.0280

Conversions

Conversions Part 2

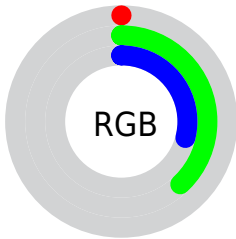
Format	Color
RYB	0, 55, 97
Decimal	24905
CIELab	36.04, -31.19, 6.82
CIELCh	36, 31.930, 167.673
Yxy	9.0308, 0.2460, 0.4056
Android (android.graphics.Color)	4278214985 (0xFF006149)
YUV	65.2610, 3.8153, -57.2339
Hunter-Lab	30.0507, -20.0537, 5.7295

Details

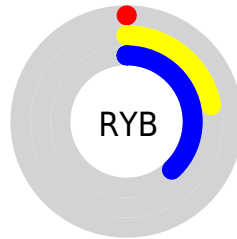
The HunterLab color **30.0507, -20.0537, 5.7295** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.1480, 28.0605, 7.2674**, and the grayscale version is **23.0832, -1.2317, 1.2542**.

A 20% lighter version of the original color is **48.8366, -24.9475, 7.3027**, and **15.1173, -10.8682, 4.5660** is the 20% darker color. If you saturate the color by 10%, you get **30.0512, -20.0543, 5.7302**, and if you desaturate by 10%, it is **30.2090, -19.3029, 5.0703**.

Distribution



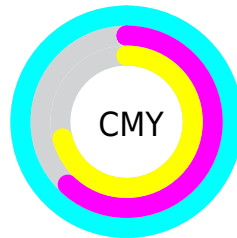
- Red (0%)
- Green (38%)
- Blue (29%)



- Red (0%)
- Yellow (22%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0507, -20.0537, 5.7295 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 30.0507, -20.0537, 5.7295 by changing the saturation by 10% instead.

30.0507, -20.0537,
5.7295

30.0507, -20.0537,
5.7295

135.5018,
-40.6159, 14.4787

21.8203, -17.1807,
4.7997

48.9447, -25.2093,
7.5860

14.5186, -13.9793,
3.8492

59.4812, -27.5956,
8.5258

8.1796, -14.3143,
3.8997

70.6810, -29.8952,
9.4783

0.0000, NaN, NaN

82.5071, -32.1272,
10.4454

0.0000, NaN, NaN

94.9277, -34.3058,
11.4283

0.0000, NaN, NaN

107.9158,

0.0000, NaN, NaN

-36.4415, 12.4279

0.0000, NaN, NaN

121.4475,
-38.5427, 13.4446

30.0507, -20.0537,
5.7295

30.0507, -20.0537,
5.7295

30.0512, -20.0543,
5.7302

30.2090, -19.3029,
5.0703

30.3965, -18.4327,
4.4211

30.6507, -17.2989,
3.8275

30.9769, -15.8884,
3.3000

31.3789, -14.1970,
2.8473

■ 31.8593, -12.2282,
2.4764

■ 32.4193, -9.9918,
2.1920

■ 33.0592, -7.5027,
1.9971

■ 33.7784, -4.7794,
1.8928

Harmonies

Analogous

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



30.0513, -16.0666, 12.5067



30.0507, -20.0537, 5.7295



30.0513, -19.6627, -5.3554

Triad

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



30.0513, -20.0539, 5.7298



30.0513, 5.2942, -25.5439



30.0513, 14.5048, 13.2724

Complementary

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



30.0507, -20.0537, 5.7295



16.1480, 28.0605, 7.2674

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.



30.0513, 22.0792, 7.2684



30.0507, -20.0537, 5.7295



30.0513, 16.2441, -15.9182

Square

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



30.0513, -20.0539, 5.7298



30.0513, -6.1131, -26.4462



30.0513, 22.7591, -3.1300



30.0513, 3.1855, 15.6500

Rectangle

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



30.0507, -20.0537, 5.7295



30.0513, -16.9687, -13.9738



30.0513, 22.7591, -3.1300



30.0513, 17.6414, 11.7400

Sweetspot

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



30.0513, -20.0539, 5.7298



42.3753, -13.3521, 2.8979



29.5754, -23.6460, 17.8099



21.0052, -7.0899, 1.4934



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.0513, -20.0539, 5.7298



39.3234, -26.3777, 7.7910



23.6554, -7.2585, -13.8973



16.9851, -2.2377, 0.9463



35.0421, -23.4575, 6.8383



80.9042, -54.7644, 17.0975

Inverse Universe

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



16.1480, 28.0605, 7.2674



21.1062, 36.6116, 10.0209



17.9034, 21.1310, 11.4014



16.1227, 0.5286, 0.8869



18.8165, 32.6633, 8.7515



43.3495, 74.9732, 22.3071

Previews

White Background



This preview shows how the HunterLab color 30.0507, -20.0537, 5.7295 looks on a white background.

Color Contrast Check

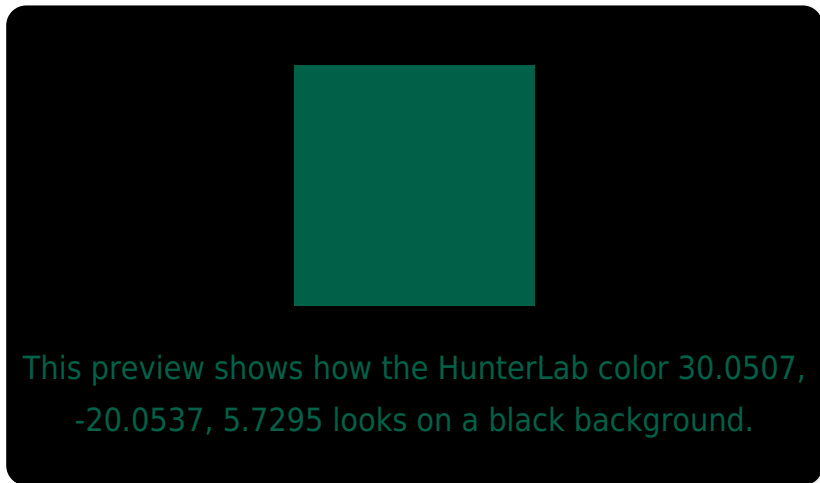
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0507, -20.0537, 5.7295 Background



This preview shows how black text looks on a background with the HunterLab color 30.0507, -20.0537, 5.7295.



This preview shows how white text looks on a background with the HunterLab color 30.0507,

-20.0537, 5.7295.

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

30.0507, -20.0537, 5.7295

Protanopia

30.1262, -2.4878, 8.0694

Deuteranopia

30.0719, 1.6608, 5.0784



Tritanopia

30.0992, -12.1785, -5.9185

Trichromacy



Original Color

30.0507, -20.0537, 5.7295

Protanomaly

29.0591, -11.9463, 6.2094

Deuteranomaly

28.8383, -9.5987, 3.9164

Tritanomaly

29.8487, -15.2808, -1.5348

Monochromacy



Original Color

30.0507, -20.0537, 5.7295

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.8928, -10.4930, 2.1294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0507, -20.0537, 5.7295 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, 97, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 73)  
}
```

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, 97, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0507, -20.0537, 5.7295 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, 97, 73) }
```


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

```
.border{ border-color:rgb(0, 97, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 73); box-shadow:4px  
4px 4px 4px rgb(0, 97, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0507, -20.0537, 5.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 73) }
```

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

```
.background{ background-color: rgb(0, 97,  
73) }
```

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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