

Converting Colors

HunterLab(30.7170, -20.3975,
5.6388)

Have a look what the booklet for
HunterLab(30.7170, -20.3975,
5.6388) contains.

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Color

**HunterLab(30.7110,
-20.4295, 5.7153)**

Conversions

Conversions Part 1

Format	Color
Hex	00634B
RGB	0, 99, 75
RGB Percent	0%, 39%, 29%
CMY	1.0000, 0.6118, 0.7059
CMYK	1.00, 0.00, 0.24, 0.61
HSL	165°, 100%, 19%
HSV	165°, 100%, 39%
XYZ	5.7318, 9.4317, 8.1750
YIQ	66.6630, -51.3000, -28.4520

Conversions

Conversions Part 2

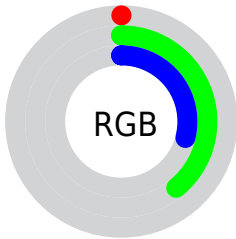
Format	Color
RYB	0, 56, 99
Decimal	25419
CIELab	36.80, -31.52, 6.67
CIELCh	37, 32.219, 168.060
Yxy	9.4320, 0.2456, 0.4041
Android (android.graphics.Color)	4278215499 (0xFF00634B)
YUV	66.6630, 4.1101, -58.4635
Hunter-Lab	30.7110, -20.4295, 5.7153

Details

The HunterLab color **30.7110, -20.4295, 5.7153** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.4888, 28.6361, 7.5532**, and the grayscale version is **23.5731, -1.2578, 1.2808**.

A 20% lighter version of the original color is **49.8534, -25.8060, 7.5895**, and **15.7054, -11.2186, 4.5874** is the 20% darker color. If you saturate the color by 10%, you get **30.7115, -20.4301, 5.7159**, and if you desaturate by 10%, it is **30.8697, -19.6763, 5.0491**.

Distribution



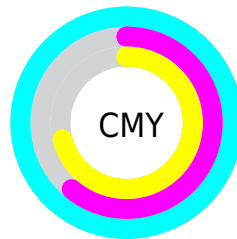
- Red (0%)
- Green (39%)
- Blue (29%)



- Red (0%)
- Yellow (22%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7110, -20.4295, 5.7153 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 30.7110, -20.4295, 5.7153 by changing the saturation by 10% instead.

■ 30.7110, -20.4295,
5.7153

■ 30.7110, -20.4295,
5.7153

■ 136.5902,
-41.1060, 14.4047

■ 22.4144, -17.5484,
4.7975

■ 49.7208, -25.6084,
7.5533

■ 15.0379, -14.3454,
3.8624

■ 60.3091, -28.0078,
8.4857

■ 8.6784, -15.1872,
3.6562

■ 71.5578, -30.3206,
9.4314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.4300, -32.5658,
10.3922

0.0000, NaN, NaN

■ 95.8947, -34.7575,
11.3694

0.0000, NaN, NaN

■ 108.9249,

0.0000, NaN, NaN

-36.9063, 12.3636

0.0000, NaN, NaN

122.4970,
-39.0203, 13.3752

30.7110, -20.4295,
5.7153

30.7110, -20.4295,
5.7153

30.7115, -20.4301,
5.7159

30.8697, -19.6763,
5.0491

31.0595, -18.7963,
4.3955

31.3175, -17.6464,
3.7999

31.6493, -16.2130,
3.2733

32.0589, -14.4915,
2.8244

■ 32.5489, -12.4854,
2.4602

■ 33.1205, -10.2045,
2.1856

■ 33.7741, -7.6641,
2.0035

■ 34.5091, -4.8832,
1.9149

Harmonies

Analogous

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



30.7116, -16.4278, 12.6751



30.7110, -20.4295, 5.7153



30.7116, -19.9738, -5.5961

Triad

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



30.7116, -20.4297, 5.7156



30.7116, 5.5251, -25.8299



30.7116, 14.5924, 13.5693

Complementary

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



30.7110, -20.4295, 5.7153



16.4888, 28.6361, 7.5532

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.



30.7116, 22.3560, 7.5076



30.7110, -20.4295, 5.7153



30.7116, 16.6135, -15.9871

Square

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



30.7116, -20.4297, 5.7156



30.7116, -6.0856, -26.8764



30.7116, 23.1458, -3.0099



30.7116, 3.0731, 15.9584

Rectangle

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



30.7110, -20.4295, 5.7153



30.7116, -17.1934, -14.3423



30.7116, 23.1458, -3.0099



30.7116, 17.7967, 12.0233

Sweetspot

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



30.7116, -20.4297, 5.7156



43.3103, -13.6361, 2.8888



30.2118, -24.1749, 18.1929



21.0080, -7.0739, 1.4536



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.



30.7116, -20.4297, 5.7156



40.2040, -26.8791, 7.7728



24.1500, -7.3910, -14.2298



16.9857, -2.2345, 0.9381



35.0548, -23.3803, 6.6559



80.9346, -54.5790, 16.6593

Inverse Universe

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



16.4888, 28.6361, 7.5532



21.5615, 37.3813, 10.3927



18.2689, 21.6527, 11.6358



16.1221, 0.5255, 0.8951



18.8094, 32.6374, 8.8544



43.3353, 74.9205, 22.5171

Previews

White Background



This preview shows how the HunterLab color 30.7110, -20.4295, 5.7153 looks on a white background.

Color Contrast Check

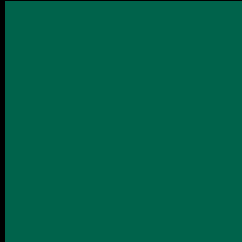
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 30.7110, -20.4295, 5.7153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

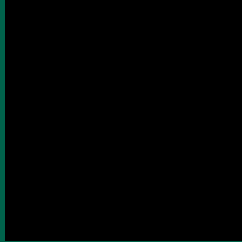
Any Text WCAG AA × Fail

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 30.7110, -20.4295, 5.7153 Background



This preview shows how black text looks on a background with the HunterLab color 30.7110, -20.4295, 5.7153.



This preview shows how white text looks on a background with the HunterLab color 30.7110,

-20.4295, 5.7153.

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

30.7110, -20.4295, 5.7153

Protanopia

30.5950, -2.1086, 7.9048

Deuteranopia

30.5504, 2.0752, 4.8731



Tritanopia

30.7490, -12.5630, -6.0151

Trichromacy



Original Color

30.7110, -20.4295, 5.7153

Protanomaly

29.7774, -12.0549, 6.2681

Deuteranomaly

29.5037, -9.8949, 3.8973

Tritanomaly

30.5037, -15.6545, -1.6066

Monochromacy



Original Color

30.7110, -20.4295, 5.7153

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.5886, -10.6145, 2.1559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7110, -20.4295, 5.7153 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, 99, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 75)  
}
```

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, 99, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7110, -20.4295, 5.7153 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, 99, 75) }
```


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

```
.border{ border-color:rgb(0, 99, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 75); box-shadow:4px  
4px 4px 4px rgb(0, 99, 75) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7110, -20.4295, 5.7153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 75) }
```

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

```
.background{ background-color: rgb(0, 99,  
75) }
```

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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