

Converting Colors

HunterLab(30.8684, -20.3492,
5.3453)

Have a look what the booklet for
HunterLab(30.8684, -20.3492,
5.3453) contains.

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Color

**HunterLab(30.7563,
-20.1540, 5.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	00634D
RGB	0, 99, 77
RGB Percent	0%, 39%, 30%
CMY	1.0000, 0.6118, 0.6980
CMYK	1.00, 0.00, 0.22, 0.61
HSL	167°, 100%, 19%
HSV	167°, 100%, 39%
XYZ	5.8014, 9.4595, 8.5413
YIQ	66.8910, -51.9420, -27.8300

Conversions

Conversions Part 2

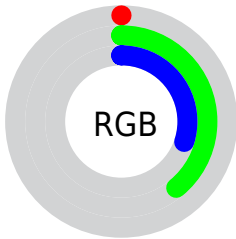
Format	Color
RYB	0, 56, 99
Decimal	25421
CIELab	36.86, -30.96, 5.51
CIELCh	37, 31.443, 169.901
Yxy	9.4599, 0.2437, 0.3974
Android (android.graphics.Color)	4278215501 (0xFF00634D)
YUV	66.8910, 4.9837, -58.6634
Hunter-Lab	30.7563, -20.1540, 5.0641

Details

The HunterLab color **30.7563, -20.1540, 5.0641** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.4646, 28.5460, 7.9104**, and the grayscale version is **23.6504, -1.2619, 1.2850**.

A 20% lighter version of the original color is **49.9416, -25.3563, 6.8964**, and **15.7399, -11.0065, 4.0863** is the 20% darker color. If you saturate the color by 10%, you get **30.7568, -20.1547, 5.0648**, and if you desaturate by 10%, it is **30.9118, -19.4219, 4.4459**.

Distribution



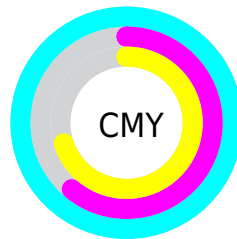
- Red (0%)
- Green (39%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7563, -20.1540, 5.0641 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 30.7563, -20.1540, 5.0641 by changing the saturation by 10% instead.

■ 30.7563, -20.1540,
5.0641

■ 30.7563, -20.1540,
5.0641

■ 136.6647,
-40.5401, 13.2322

■ 22.4551, -17.3221,
4.2313

■ 49.7740, -25.2505,
6.7575

■ 15.0736, -14.1767,
3.3943

■ 60.3659, -27.6142,
7.6261

■ 8.7115, -15.2450,
3.0976

■ 71.6178, -29.8938,
8.5124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.4932, -32.1081,
9.4174

0.0000, NaN, NaN

■ 95.9609, -34.2707,
10.3417

0.0000, NaN, NaN

■ 108.9940,

0.0000, NaN, NaN

-36.3918, 11.2855

0.0000, NaN, NaN

122.5688,
-38.4795, 12.2490

30.7563, -20.1540,
5.0641

30.7563, -20.1540,
5.0641

30.7568, -20.1547,
5.0648

30.9118, -19.4219,
4.4459

31.0979, -18.5648,
3.8448

31.3520, -17.4400,
3.3063

31.6796, -16.0335,
2.8411

32.0847, -14.3405,
2.4576

■ 32.5698, -12.3639,
2.1622

■ 33.1365, -10.1133,
1.9593

■ 33.7849, -7.6033,
1.8511

■ 34.5146, -4.8527,
1.8382

Harmonies

Analogous

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



30.7569, -16.4861, 12.1882



30.7563, -20.1540, 5.0641



30.7569, -19.4356, -6.1757

Triad

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



30.7569, -20.1542, 5.0644



30.7569, 6.0626, -24.5988



30.7569, 13.5473, 13.6113

Complementary

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



30.7563, -20.1540, 5.0641



16.4646, 28.5460, 7.9104

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.



30.7569, 21.4228, 7.8807



30.7563, -20.1540, 5.0641



30.7569, 16.6901, -14.7240

Square

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



30.7569, -20.1542, 5.0644



30.7569, -5.3403, -26.2116



30.7569, 22.6490, -2.1521



30.7569, 2.2381, 15.8133

Rectangle

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



30.7563, -20.1540, 5.0641



30.7569, -16.5245, -14.6428



30.7569, 22.6490, -2.1521



30.7569, 16.7487, 12.1553

Sweetspot

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



30.7569, -20.1542, 5.0644



43.3317, -13.5136, 2.5842



30.1785, -24.3160, 18.1698



21.0193, -7.0087, 1.2920



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.



30.7569, -20.1542, 5.0644



40.2644, -26.5115, 6.9038



23.6939, -6.7433, -15.0575



16.9880, -2.2215, 0.9047



35.1070, -23.0627, 5.9051



81.0599, -53.8150, 14.8532

Inverse Universe

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



16.4646, 28.5460, 7.9104



21.5313, 37.2699, 10.8364



18.4652, 21.0880, 11.7467



16.1198, 0.5129, 0.9283



18.7824, 32.5376, 9.2516



43.2809, 74.7195, 23.3186

Previews

White Background



This preview shows how the HunterLab color 30.7563, -20.1540, 5.0641 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 30.7563, -20.1540, 5.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

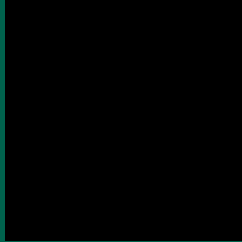
Any Text WCAG AA × Fail

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 30.7563, -20.1540, 5.0641 Background



This preview shows how black text looks on a background with the HunterLab color 30.7563, -20.1540, 5.0641.



This preview shows how white text looks on a background with the HunterLab color 30.7563,

-20.1540, 5.0641.

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

30.7563, -20.1540, 5.0641

Protanopia

30.8976, -2.3125, 7.5594

Deuteranopia

30.7591, 1.5805, 4.3522



Tritanopia

30.7490, -12.5630, -6.0151

Trichromacy



Original Color

30.7563, -20.1540, 5.0641

Protanomaly

29.8212, -11.7997, 5.6369

Deuteranomaly

29.5523, -9.6152, 3.2010

Tritanomaly

30.5330, -15.4810, -2.0202

Monochromacy



Original Color

30.7563, -20.1540, 5.0641

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.6134, -10.4694, 1.8005

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7563, -20.1540, 5.0641 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7563, -20.1540, 5.0641 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, 77) }
```


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

```
.border{ border-color:rgb(0, 99, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 77); box-shadow:4px  
4px 4px 4px rgb(0, 99, 77) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7563, -20.1540, 5.0641 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, 77) }
```

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

```
.background{ background-color: rgb(0, 99,  
77) }
```

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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