

Converting Colors

HunterLab(28.2994, -31.5387,
3.4338)

Have a look what the booklet for
HunterLab(28.2994, -31.5387,
3.4338) contains.

HunterLab(30.6889, -20.5643, 6.0340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.6889,
-20.5643, 6.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	00634A
RGB	0, 99, 74
RGB Percent	0%, 39%, 29%
CMY	1.0000, 0.6118, 0.7098
CMYK	1.00, 0.00, 0.25, 0.61
HSL	165°, 100%, 19%
HSV	165°, 100%, 39%
XYZ	5.6979, 9.4181, 7.9961
YIQ	66.5490, -50.9790, -28.7630

Conversions

Conversions Part 2

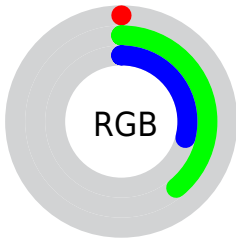
Format	Color
RYB	0, 57, 99
Decimal	25418
CIELab	36.78, -31.80, 7.24
CIELCh	37, 32.615, 167.171
Yxy	9.4185, 0.2465, 0.4075
Android (android.graphics.Color)	4278215498 (0xFF00634A)
YUV	66.5490, 3.6733, -58.3635
Hunter-Lab	30.6889, -20.5643, 6.0340

Details

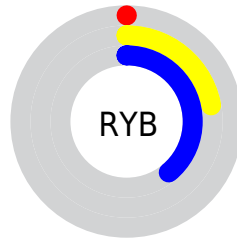
The HunterLab color **30.6889, -20.5643, 6.0340** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.5017, 28.6834, 7.3647**, and the grayscale version is **23.5346, -1.2557, 1.2787**.

A 20% lighter version of the original color is **49.8282, -25.9562, 7.9523**, and **15.6888, -11.3202, 4.8273** is the 20% darker color. If you saturate the color by 10%, you get **30.6894, -20.5649, 6.0347**, and if you desaturate by 10%, it is **30.8492, -19.8011, 5.3451**.

Distribution



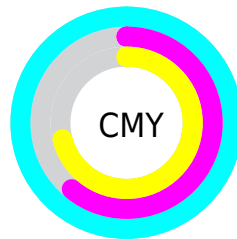
- Red (0%)
- Green (39%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6889, -20.5643, 6.0340 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 30.6889, -20.5643, 6.0340 by changing the saturation by 10% instead.

■ 30.6889, -20.5643,
6.0340

■ 30.6889, -20.5643,
6.0340

■ 136.5539,
-41.3840, 14.9865

■ 22.3945, -17.6589,
5.0731

■ 49.6948, -25.7838,
7.9453

■ 15.0204, -14.4275,
4.0881

■ 60.2815, -28.2008,
8.9098

■ 8.6622, -15.1589,
3.9370

■ 71.5285, -30.5300,
9.8855

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.3992, -32.7905,
10.8745

0.0000, NaN, NaN

■ 95.8624, -34.9965,
11.8784

0.0000, NaN, NaN

■ 108.8912,

0.0000, NaN, NaN

-37.1589, 12.8979

0.0000, NaN, NaN

122.4619,
-39.2858, 13.9339

30.6889, -20.5643,
6.0340

30.6889, -20.5643,
6.0340

30.6894, -20.5649,
6.0347

30.8492, -19.8011,
5.3451

31.0406, -18.9101,
4.6665

31.3005, -17.7481,
4.0434

31.6344, -16.3015,
3.4869

32.0463, -14.5661,
3.0061

■ 32.5386, -12.5454,
2.6082

■ 33.1127, -10.2496,
2.2982

■ 33.7688, -7.6941,
2.0795

■ 34.5065, -4.8980,
1.9533

Harmonies

Analogous

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



30.6895, -16.3966, 12.9106



30.6889, -20.5643, 6.0340



30.6895, -20.2385, -5.3077

Triad

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



30.6895, -20.5645, 6.0343



30.6895, 5.2560, -26.4489



30.6895, 15.1169, 13.5471

Complementary

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



30.6889, -20.5643, 6.0340



16.5017, 28.6834, 7.3647

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.



30.6895, 22.8219, 7.3177



30.6889, -20.5643, 6.0340



30.6895, 16.5720, -16.6271

Square

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



30.6895, -20.5645, 6.0343



30.6895, -6.4551, -27.2057



30.6895, 23.3909, -3.4462



30.6895, 3.4934, 16.0285

Rectangle

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



30.6889, -20.5643, 6.0340



30.6895, -17.5230, -14.1894



30.6895, 23.3909, -3.4462



30.6895, 18.3219, 11.9557

Sweetspot

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



30.6895, -20.5645, 6.0343



43.2997, -13.6970, 3.0404



30.2473, -24.0253, 18.2173



21.0024, -7.1063, 1.5339



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.



30.6895, -20.5645, 6.0343



40.1745, -27.0590, 8.1979



24.6097, -8.0338, -13.4165



16.9845, -2.2410, 0.9548



35.0293, -23.5357, 7.0233



80.8734, -54.9523, 17.5415

Inverse Universe

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



16.5017, 28.6834, 7.3647



21.5775, 37.4405, 10.1574



18.0823, 22.1979, 11.5303



16.1233, 0.5318, 0.8785



18.8237, 32.6902, 8.6444



43.3644, 75.0283, 22.0877

Previews

White Background



This preview shows how the HunterLab color 30.6889, -20.5643, 6.0340 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 30.6889, -20.5643, 6.0340 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 30.6889, -20.5643, 6.0340 Background



This preview shows how black text looks on a background with the HunterLab color 30.6889, -20.5643, 6.0340.



This preview shows how white text looks on a background with the HunterLab color 30.6889,

-20.5643, 6.0340.

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

30.6889, -20.5643, 6.0340

Protanopia

30.5749, -2.2193, 8.1962

Deuteranopia

30.5270, 1.9503, 5.2081



Tritanopia

30.7746, -12.4648, -5.9770

Trichromacy



Original Color

30.6889, -20.5643, 6.0340

Protanomaly

29.7560, -12.1797, 6.5768

Deuteranomaly

29.4800, -10.0318, 4.2383

Tritanomaly

30.4749, -15.8260, -1.1976

Monochromacy



Original Color

30.6889, -20.5643, 6.0340

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 30.6889, -20.5643, 6.0340 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6889, -20.5643, 6.0340 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, 74) }
```


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

```
.border{ border-color:rgb(0, 99, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 74); box-shadow:4px  
4px 4px 4px rgb(0, 99, 74) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6889, -20.5643, 6.0340 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, 74) }
```

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

```
.background{ background-color: rgb(0, 99,  
74) }
```

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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