

Converting Colors

HunterLab(20.1366, -19.5558,
5.0162)

Have a look what the booklet for
HunterLab(20.1366, -19.5558,
5.0162) contains.

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Color

**HunterLab(21.0668,
-14.9831, 6.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	00452C
RGB	0, 69, 44
RGB Percent	0%, 27%, 17%
CMY	1.0000, 0.7294, 0.8274
CMYK	1.00, 0.00, 0.36, 0.73
HSL	158°, 100%, 14%
HSV	158°, 100%, 27%
XYZ	2.5828, 4.4381, 3.1034
YIQ	45.5190, -33.0990, -22.4030

Conversions

Conversions Part 2

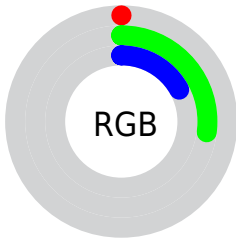
Format	Color
RYB	0, 42, 69
Decimal	17708
CIELab	25.07, -26.71, 9.72
CIELCh	25, 28.418, 160.004
Yxy	4.4383, 0.2551, 0.4384
Android (android.graphics.Color)	4278207788 (0xFF00452C)
YUV	45.5190, -0.7489, -39.9202
Hunter-Lab	21.0668, -14.9831, 6.0126

Details

The HunterLab color **21.0668, -14.9831, 6.0126** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.5564, 20.3970, 2.7588**, and the grayscale version is **16.3810, -0.8740, 0.8900**.

A 20% lighter version of the original color is **38.2029, -19.8092, 8.1816**, and **8.5953, -7.3705, 5.1673** is the 20% darker color. If you saturate the color by 10%, you get **21.0672, -14.9835, 6.0129**, and if you desaturate by 10%, it is **21.2183, -14.2695, 5.4567**.

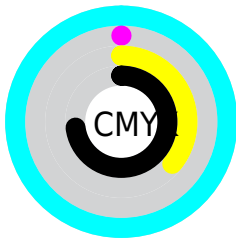
Distribution



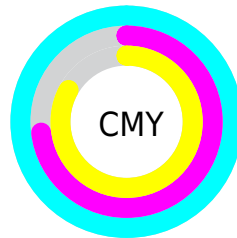
- Red (0%)
- Green (27%)
- Blue (17%)



- Red (0%)
- Yellow (16%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0668, -14.9831, 6.0126 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 21.0668, -14.9831, 6.0126 by changing the saturation by 10% instead.

■ 21.0668, -14.9831,
6.0126

■ 21.0668, -14.9831,
6.0126

■ 120.1075,
-33.9671, 16.1166

■ 13.8623, -12.1905,
4.7947

■ 38.1997, -19.8315,
8.2964

■ 7.4922, -13.1113,
5.2445

■ 47.9564, -22.0386,
9.4074

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4261, -24.1541,
10.5129

0.0000, NaN, NaN

■ 69.5631, -26.2008,
11.6190

0.0000, NaN, NaN

■ 81.3297, -28.1951,
12.7300


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.6938, -30.1486,


13.8487


0.0000, NaN, NaN


 106.6277,
-32.0704, 14.9771


 21.0668, -14.9831,
6.0126


 21.0668, -14.9831,
6.0126


 21.0672, -14.9835,
6.0129

 21.2183, -14.2695,
5.4567

 21.3775, -13.5243,
4.8766

 21.5779, -12.6146,
4.3095

 21.8268, -11.5185,
3.7671

 22.1259, -10.2362,
3.2558

■ 22.4765, -8.7724,
2.7811

■ 22.8791, -7.1351,
2.3477

■ 23.3336, -5.3353,
1.9590

■ 23.8394, -3.3859,
1.6177

Harmonies

Analogous

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



21.0672, -11.0879, 10.2288



21.0668, -14.9831, 6.0126



21.0672, -15.5380, -1.9007

Triad

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



21.0672, -14.9833, 6.0128



21.0672, 1.9491, -22.1914



21.0672, 13.7478, 9.1908

Complementary

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



21.0668, -14.9831, 6.0126



11.5564, 20.3970, 2.7588

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.



21.0672, 18.6472, 3.7975



21.0668, -14.9831, 6.0126



21.0672, 11.1212, -15.6469

Square

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



21.0672, -14.9833, 6.0128



21.0672, -6.6941, -20.7730



21.0672, 17.6130, -5.2561



21.0672, 5.0899, 11.4605

Rectangle

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



21.0668, -14.9831, 6.0126



21.0672, -14.0554, -8.7946



21.0672, 17.6130, -5.2561



21.0672, 15.9494, 7.8016

Sweetspot

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



21.0672, -14.9833, 6.0128



29.6623, -9.5377, 3.1150



21.1351, -15.5632, 12.7507



15.3802, -5.1893, 1.6776



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.0672, -14.9833, 6.0128



27.3514, -19.6095, 8.1444



19.0805, -8.3218, -5.8842



12.9255, -1.6813, 0.8514



30.6149, -22.0129, 9.2535



75.4629, -55.0790, 24.5777

Inverse Universe

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



11.5564, 20.3970, 2.7588



14.9745, 26.3531, 4.1823



12.1038, 16.4866, 7.7466



12.3366, 0.3696, 0.5427



16.7501, 29.4466, 4.9193



41.1527, 71.9641, 15.0507

Previews

White Background



This preview shows how the HunterLab color 21.0668, -14.9831, 6.0126 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

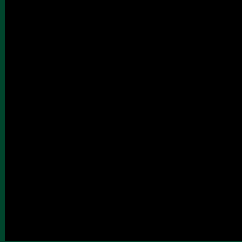
Any Text WCAG AA × Fail

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 21.0668, -14.9831, 6.0126 Background



This preview shows how black text looks on a background with the HunterLab color 21.0668, -14.9831, 6.0126.



This preview shows how white text looks on a background with the HunterLab color 21.0668,

-14.9831, 6.0126.

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

21.0668, -14.9831, 6.0126

Protanopia

21.2338, -2.0301, 7.4432

Deuteranopia

21.0561, 1.3170, 5.4251



Tritanopia

21.3203, -8.3237, -3.5860

Trichromacy



Original Color

21.0668, -14.9831, 6.0126

Protanomaly

20.4610, -8.8307, 6.3745

Deuteranomaly

20.2303, -6.7791, 4.7718

Tritanomaly

21.1016, -11.1577, 0.4028

Monochromacy



Original Color

21.0668, -14.9831, 6.0126

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.5756, -7.4030, 2.3254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0668, -14.9831, 6.0126 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, 69, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 44)  
}
```

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, 69, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0668, -14.9831, 6.0126 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, 69, 44) }
```


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

```
.border{ border-color:rgb(0, 69, 44) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 44); box-shadow:4px  
4px 4px 4px rgb(0, 69, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0668, -14.9831, 6.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 44) }
```

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

```
.background{ background-color: rgb(0, 69,  
44) }
```

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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