

Converting Colors

HunterLab(21.1669, -25.8953,
4.7722)

Have a look what the booklet for
HunterLab(21.1669, -25.8953,
4.7722) contains.

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Color

**HunterLab(23.1997,
-16.6100, 6.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	004C30
RGB	0, 76, 48
RGB Percent	0%, 30%, 19%
CMY	1.0000, 0.7020, 0.8118
CMYK	1.00, 0.00, 0.37, 0.70
HSL	158°, 100%, 15%
HSV	158°, 100%, 30%
XYZ	3.1179, 5.3823, 3.6708
YIQ	50.0840, -36.3080, -24.8200

Conversions

Conversions Part 2

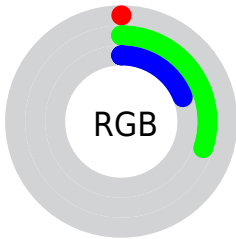
Format	Color
RYB	0, 47, 76
Decimal	19504
CIELab	27.80, -28.72, 10.90
CIELCh	28, 30.722, 159.213
Yxy	5.3825, 0.2562, 0.4422
Android (android.graphics.Color)	4278209584 (0xFF004C30)
YUV	50.0840, -1.0274, -43.9237
Hunter-Lab	23.1997, -16.6100, 6.8585

Details

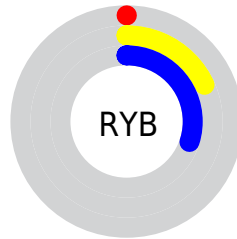
The HunterLab color **23.1997, -16.6100, 6.8585** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.7296, 22.4579, 3.1195**, and the grayscale version is **17.9001, -0.9551, 0.9725**.

A 20% lighter version of the original color is **40.8925, -21.7748, 9.4626**, and **10.4398, -8.8772, 6.1145** is the 20% darker color. If you saturate the color by 10%, you get **23.2001, -16.6103, 6.8588**, and if you desaturate by 10%, it is **23.3567, -15.8622, 6.2226**.

Distribution



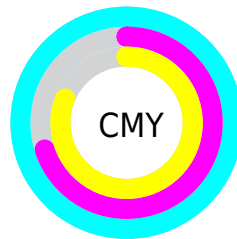
- Red (0%)
- Green (30%)
- Blue (19%)



- Red (0%)
- Yellow (18%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1997, -16.6100, 6.8585 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 23.1997, -16.6100, 6.8585 by changing the saturation by 10% instead.

■ 23.1997, -16.6100,
6.8585

■ 23.1997, -16.6100,
6.8585

■ 123.8758,
-36.4796, 17.5544

■ 15.7270, -13.7150,
5.5552

■ 40.7870, -21.6758,
9.2995

■ 9.2912, -13.9669,
5.3700

■ 50.7432, -23.9886,
10.4822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3991, -26.2063,
11.6555

0.0000, NaN, NaN

■ 72.7113, -28.3516,
12.8261

0.0000, NaN, NaN

■ 84.6438, -30.4410,
13.9984


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.1658, -32.4864,


15.1758


0.0000, NaN, NaN


 110.2509,
-34.4969, 16.3606


 23.1997, -16.6100,
6.8585


 23.1997, -16.6100,
6.8585


 23.2001, -16.6103,
6.8588

 23.3567, -15.8622,
6.2226

 23.5264, -15.0610,
5.5612

 23.7452, -14.0632,
4.9147

 24.0188, -12.8531,
4.2939

 24.3495, -11.4305,
3.7064

■ 24.7388, -9.8004,
3.1588

■ 25.1872, -7.9721,
2.6568

■ 25.6947, -5.9581,
2.2045

■ 26.2607, -3.7733,
1.8051

Harmonies

Analogous

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



23.2002, -12.1811, 11.4308



23.1997, -16.6100, 6.8585



23.2002, -17.3239, -1.8589

Triad

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



23.2002, -16.6102, 6.8587



23.2002, 1.9186, -24.9983



23.2002, 15.6061, 10.1021

Complementary

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



23.1997, -16.6100, 6.8585



12.7296, 22.4579, 3.1195

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.



23.2002, 20.9399, 4.0032



23.1997, -16.6100, 6.8585



23.2002, 12.2027, -17.8344

Square

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



23.2002, -16.6102, 6.8587



23.2002, -7.6726, -23.1523



23.2002, 19.5987, -6.2064



23.2002, 5.9821, 12.6769

Rectangle

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



23.1997, -16.6100, 6.8585



23.2002, -15.7421, -9.5480



23.2002, 19.5987, -6.2064



23.2002, 18.0284, 8.5305

Sweetspot

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



23.2002, -16.6102, 6.8587



33.1801, -10.8141, 3.5802



23.3072, -17.0838, 14.0626



16.9372, -5.8367, 1.9115



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.2002, -16.6102, 6.8587



30.6038, -22.0812, 9.4148



21.3358, -9.5640, -6.0217



13.7193, -1.8076, 0.9146



31.4288, -22.6910, 9.7000



76.3926, -55.9610, 25.3196

Inverse Universe

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



12.7296, 22.4579, 3.1195



16.7612, 29.4876, 4.7573



13.1494, 18.7562, 8.4308



13.0832, 0.4175, 0.5653



17.2105, 30.2710, 4.9396



41.7004, 72.9690, 14.8849

Previews

White Background



This preview shows how the HunterLab color 23.1997, -16.6100, 6.8585 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

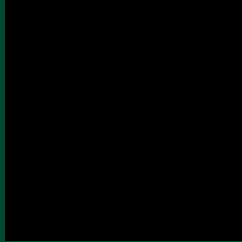
Any Text WCAG AA × Fail

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 23.1997, -16.6100, 6.8585 Background



This preview shows how black text looks on a background with the HunterLab color 23.1997, -16.6100, 6.8585.



This preview shows how white text looks on a background with the HunterLab color 23.1997,

-16.6100, 6.8585.

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

23.1997, -16.6100, 6.8585

Protanopia

23.3581, -2.0915, 8.3081

Deuteranopia

23.1772, 1.3026, 6.2925



Tritanopia

23.2762, -8.9500, -4.1738

Trichromacy



Original Color

23.1997, -16.6100, 6.8585

Protanomaly

22.6950, -9.9031, 7.3254

Deuteranomaly

22.3998, -8.0457, 5.6745

Tritanomaly

22.9989, -12.0995, 0.2706

Monochromacy



Original Color

23.1997, -16.6100, 6.8585

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

19.1226, -8.1308, 2.6317

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1997, -16.6100, 6.8585 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, 76, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 48)  
}
```

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, 76, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1997, -16.6100, 6.8585 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, 76, 48) }
```


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

```
.border{ border-color:rgb(0, 76, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 48); box-shadow:4px  
4px 4px 4px rgb(0, 76, 48) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.1997, -16.6100, 6.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 48) }
```

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

```
.background{ background-color: rgb(0, 76,  
48) }
```

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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