

Converting Colors

HunterLab(22.2468, -20.6178,
4.3328)

Have a look what the booklet for
HunterLab(22.2468, -20.6178,
4.3328) contains.

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Color

**HunterLab(23.2936,
-16.0348, 5.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	004C35
RGB	0, 76, 53
RGB Percent	0%, 30%, 21%
CMY	1.0000, 0.7020, 0.7922
CMYK	1.00, 0.00, 0.30, 0.70
HSL	162°, 100%, 15%
HSV	162°, 100%, 30%
XYZ	3.2270, 5.4259, 4.2454
YIQ	50.6540, -37.9130, -23.2650

Conversions

Conversions Part 2

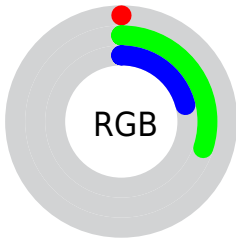
Format	Color
RYB	0, 45, 76
Decimal	19509
CIELab	27.92, -27.39, 7.90
CIELCh	28, 28.502, 163.913
Yxy	5.4261, 0.2502, 0.4207
Android (android.graphics.Color)	4278209589 (0xFF004C35)
YUV	50.6540, 1.1566, -44.4236
Hunter-Lab	23.2936, -16.0348, 5.4996

Details

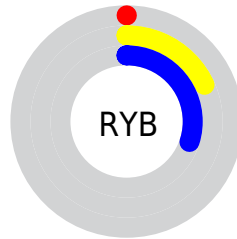
The HunterLab color **23.2936, -16.0348, 5.4996** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **12.6432, 22.1399, 4.3760**, and the grayscale version is **18.0846, -0.9649, 0.9826**.

A 20% lighter version of the original color is **41.0291, -20.9622, 7.4924**, and **10.5131, -8.4196, 5.0351** is the 20% darker color. If you saturate the color by 10%, you get **23.2940, -16.0352, 5.5000**, and if you desaturate by 10%, it is **23.4454, -15.3224, 4.9424**.

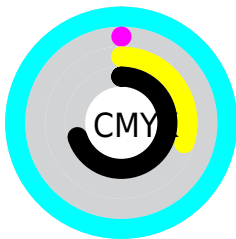
Distribution



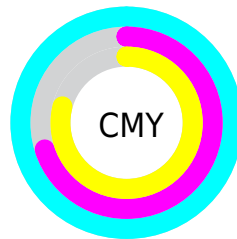
- Red (0%)
- Green (30%)
- Blue (21%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2936, -16.0348, 5.4996 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 23.2936, -16.0348, 5.4996 by changing the saturation by 10% instead.

■ 23.2936, -16.0348,
5.4996

■ 23.2936, -16.0348,
5.4996

124.0398,
-35.1793, 14.6911

■ 15.8095, -13.2707,
4.4625

■ 40.9003, -20.8888,
7.5061

■ 9.3613, -13.2475,
4.0067

■ 50.8651, -23.1119,
8.5030

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5289, -25.2471,
9.5053

0.0000, NaN, NaN

■ 72.8486, -27.3159,
10.5165

0.0000, NaN, NaN

■ 84.7883, -29.3336,
11.5393


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.3171, -31.3114,


12.5753


0.0000, NaN, NaN


 110.4087,
-33.2577, 13.6256


 23.2936, -16.0348,
5.4996


 23.2936, -16.0348,
5.4996


 23.2940, -16.0352,
5.5000

 23.4454, -15.3224,
4.9424

 23.6089, -14.5621,
4.3730

 23.8204, -13.6118,
3.8332

 24.0857, -12.4551,
3.3333

 24.4072, -11.0912,
2.8800

■ 24.7863, -9.5240,
2.4788

■ 25.2238, -7.7620,
2.1338

■ 25.7198, -5.8167,
1.8481

■ 26.2736, -3.7021,
1.6235

Harmonies

Analogous

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



23.2941, -12.3775, 10.4840



23.2936, -16.0348, 5.4996



23.2941, -16.1630, -3.1960

Triad

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



23.2941, -16.0350, 5.4998



23.2941, 3.2055, -21.9720



23.2941, 13.0615, 10.2386

Complementary

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



23.2936, -16.0348, 5.4996



12.6432, 22.1399, 4.3760

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.



23.2941, 18.7397, 4.9928



23.2936, -16.0348, 5.4996



23.2941, 12.4752, -14.5829

Square

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



23.2941, -16.0350, 5.4998



23.2941, -5.9873, -21.6619



23.2941, 18.5097, -3.9455



23.2941, 3.9117, 12.3948

Rectangle

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



23.2936, -16.0348, 5.4996



23.2941, -14.2849, -10.3360



23.2941, 18.5097, -3.9455



23.2941, 15.4990, 8.8921

Sweetspot

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



23.2941, -16.0350, 5.4998



33.2301, -10.5270, 2.8654



23.1605, -17.6958, 13.9614



16.9646, -5.6791, 1.5202



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.



23.2941, -16.0350, 5.4998



30.7299, -21.3083, 7.5888



19.9362, -7.7507, -8.1864



13.7250, -1.7757, 0.8325



31.5584, -21.8961, 7.8220



76.7172, -53.9672, 20.6100

Inverse Universe

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



12.6432, 22.1399, 4.3760



16.6502, 29.0800, 6.3716



13.5975, 17.3824, 8.6826



13.0774, 0.3860, 0.6485



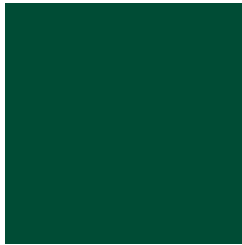
17.0969, 29.8535, 6.5933



41.4436, 72.0240, 18.6367

Previews

White Background



This preview shows how the HunterLab color 23.2936, -16.0348, 5.4996 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 23.2936, -16.0348, 5.4996 Background



This preview shows how black text looks on a background with the HunterLab color 23.2936, -16.0348, 5.4996.



This preview shows how white text looks on a background with the HunterLab color 23.2936,

-16.0348, 5.4996.

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

23.2936, -16.0348, 5.4996

Protanopia

23.3619, -1.9074, 6.9877

Deuteranopia

23.4282, 1.1162, 4.9876



Tritanopia

23.5568, -9.2488, -4.2642

Trichromacy



Original Color

23.2936, -16.0348, 5.4996

Protanomaly

22.7343, -9.5717, 5.9714

Deuteranomaly

22.4465, -7.6662, 4.1501

Tritanomaly

23.3643, -11.9674, -0.5164

Monochromacy



Original Color

23.2936, -16.0348, 5.4996

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.4595, -8.0824, 1.9508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2936, -16.0348, 5.4996 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, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 53)  
}
```

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, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2936, -16.0348, 5.4996 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, 53) }
```


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

```
.border{ border-color:rgb(0, 76, 53) }
```

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, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 53); box-shadow:4px  
4px 4px 4px rgb(0, 76, 53) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2936, -16.0348, 5.4996 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, 53) }
```

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

```
.background{ background-color: rgb(0, 76,  
53) }
```

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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