

Converting Colors

HunterLab(23.4879, -16.7055,
5.2799)

Have a look what the booklet for
HunterLab(23.4879, -16.7055,
5.2799) contains.

HunterLab(23.6095, -16.2178, 5.4997)	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(23.6095,
-16.2178, 5.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	004D36
RGB	0, 77, 54
RGB Percent	0%, 30%, 21%
CMY	1.0000, 0.6980, 0.7882
CMYK	1.00, 0.00, 0.30, 0.70
HSL	162°, 100%, 15%
HSV	162°, 100%, 30%
XYZ	3.3197, 5.5741, 4.3910
YIQ	51.3550, -38.5090, -23.4770

Conversions

Conversions Part 2

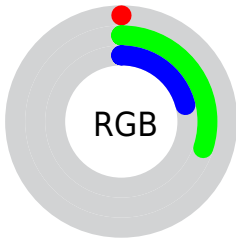
Format	Color
RYB	0, 45, 77
Decimal	19766
CIELab	28.31, -27.56, 7.81
CIELCh	28, 28.644, 164.169
Yxy	5.5743, 0.2499, 0.4196
Android (android.graphics.Color)	4278209846 (0xFF004D36)
YUV	51.3550, 1.3040, -45.0383
Hunter-Lab	23.6095, -16.2178, 5.4997

Details

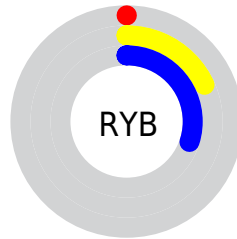
The HunterLab color **23.6095, -16.2178, 5.4997** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **12.8053, 22.4116, 4.5290**, and the grayscale version is **18.3196, -0.9775, 0.9953**.

A 20% lighter version of the original color is **41.3648, -21.1971, 7.4704**, and **10.5339, -8.2901, 4.7295** is the 20% darker color. If you saturate the color by 10%, you get **23.6099, -16.2182, 5.5001**, and if you desaturate by 10%, it is **23.7616, -15.5038, 4.9382**.

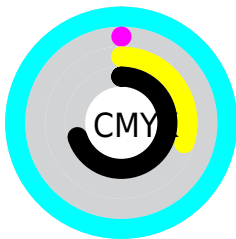
Distribution



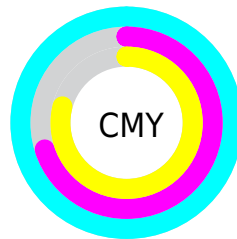
- Red (0%)
- Green (30%)
- Blue (21%)



- 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 23.6095, -16.2178, 5.4997 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 23.6095, -16.2178, 5.4997 by changing the saturation by 10% instead.

■ 23.6095, -16.2178,
5.4997

■ 23.6095, -16.2178,
5.4997

■ 124.5906,
-35.4261, 14.6524

■ 16.0873, -13.4499,
4.4714

■ 41.2811, -21.0848,
7.4935

■ 9.5950, -13.0355,
3.9011

■ 51.2745, -23.3152,
8.4856

0.0000, NaN, NaN

■ 61.9651, -25.4579,
9.4834

0.0000, NaN, NaN

■ 73.3101, -27.5341,
10.4908

0.0000, NaN, NaN

■ 85.2736, -29.5592,
11.5100


0.0000, NaN, NaN


■ 97.8252, -31.5442,


0.0000, NaN, NaN


12.5426


0.0000, NaN, NaN


 110.9386,
-33.4976, 13.5899


 23.6095, -16.2178,
5.4997


 23.6095, -16.2178,
5.4997


 23.6099, -16.2182,
5.5001

 23.7616, -15.5038,
4.9382

 23.9260, -14.7390,
4.3656

 24.1395, -13.7803,
3.8241

 24.4076, -12.6121,
3.3239

 24.7328, -11.2333,
2.8717

■ 25.1166, -9.6479,
2.4730

■ 25.5598, -7.8643,
2.1321

■ 26.0623, -5.8942,
1.8521

■ 26.6237, -3.7518,
1.6345

Harmonies

Analogous

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



23.6100, -12.5517, 10.5715



23.6095, -16.2178, 5.4997



23.6100, -16.3169, -3.3082

Triad

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



23.6100, -16.2180, 5.4999



23.6100, 3.3143, -22.1115



23.6100, 13.1062, 10.3816

Complementary

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



23.6095, -16.2178, 5.4997



12.8053, 22.4116, 4.5290

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.



23.6100, 18.8764, 5.1083



23.6095, -16.2178, 5.4997



23.6100, 12.6540, -14.6152

Square

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



23.6100, -16.2180, 5.4999



23.6100, -5.9790, -21.8727



23.6100, 18.6991, -3.8863



23.6100, 3.8592, 12.5446

Rectangle

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



23.6095, -16.2178, 5.4997



23.6100, -14.3983, -10.5131



23.6100, 18.6991, -3.8863



23.6100, 15.5766, 9.0284

Sweetspot

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



23.6100, -16.2180, 5.4999



33.2331, -10.5097, 2.8221



23.4335, -18.0831, 14.1229



16.9662, -5.6695, 1.4965



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.



23.6100, -16.2180, 5.4999



30.7378, -21.2595, 7.4735



19.8442, -7.3764, -8.8796



13.7254, -1.7737, 0.8275



31.5666, -21.8459, 7.7034



76.7379, -53.8406, 20.3107

Inverse Universe

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



12.8053, 22.4116, 4.5290



16.6443, 29.0580, 6.4590



13.8959, 17.2663, 8.8646



13.0770, 0.3841, 0.6534



17.0907, 29.8310, 6.6827



41.4301, 71.9741, 18.8351

Previews

White Background



This preview shows how the HunterLab color 23.6095, -16.2178, 5.4997 looks on a white background.

Color Contrast Check

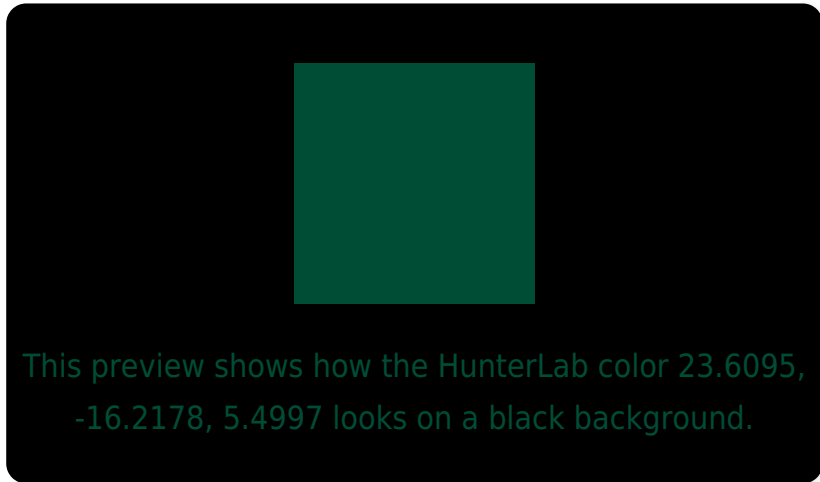
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6095, -16.2178, 5.4997 Background



This preview shows how black text looks on a background with the HunterLab color 23.6095, -16.2178, 5.4997.



This preview shows how white text looks on a background with the HunterLab color 23.6095,

-16.2178, 5.4997.

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

23.6095, -16.2178, 5.4997

Protanopia

23.6934, -2.0317, 7.2930

Deuteranopia

23.7777, 1.0995, 5.0188



Tritanopia

23.8670, -9.4378, -4.3119

Trichromacy



Original Color

23.6095, -16.2178, 5.4997

Protanomaly

23.0789, -9.6247, 6.0065

Deuteranomaly

22.7920, -7.7089, 4.1767

Tritanomaly

23.6775, -12.1507, -0.5500

Monochromacy



Original Color

23.6095, -16.2178, 5.4997

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 23.6095, -16.2178, 5.4997 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, 77, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 54)  
}
```

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, 77, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6095, -16.2178, 5.4997 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, 77, 54) }
```


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

```
.border{ border-color:rgb(0, 77, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 54); box-shadow:4px  
4px 4px 4px rgb(0, 77, 54) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6095, -16.2178, 5.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 54) }
```

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

```
.background{ background-color: rgb(0, 77,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor