

Converting Colors

HunterLab(23.3474, -17.9356,
4.1579)

Have a look what the booklet for
HunterLab(23.3474, -17.9356,
4.1579) contains.

HunterLab(23.6710, -15.8426, 4.6130)	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(23.6710,
-15.8426, 4.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	004D39
RGB	0, 77, 57
RGB Percent	0%, 30%, 22%
CMY	1.0000, 0.6980, 0.7765
CMYK	1.00, 0.00, 0.26, 0.70
HSL	164°, 100%, 15%
HSV	164°, 100%, 30%
XYZ	3.3924, 5.6032, 4.7736
YIQ	51.6970, -39.4720, -22.5440

Conversions

Conversions Part 2

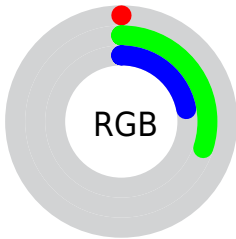
Format	Color
RYB	0, 44, 77
Decimal	19769
CIELab	28.39, -26.71, 6.01
CIELCh	28, 27.373, 167.317
Yxy	5.6034, 0.2464, 0.4069
Android (android.graphics.Color)	4278209849 (0xFF004D39)
YUV	51.6970, 2.6144, -45.3383
Hunter-Lab	23.6710, -15.8426, 4.6130

Details

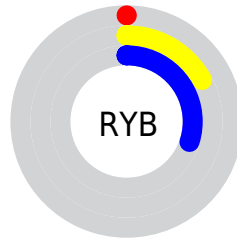
The HunterLab color **23.6710, -15.8426, 4.6130** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **12.7610, 22.2480, 5.1769**, and the grayscale version is **18.4307, -0.9834, 1.0014**.

A 20% lighter version of the original color is **41.4371, -20.7681, 6.4304**, and **10.5803, -8.0027, 4.0512** is the 20% darker color. If you saturate the color by 10%, you get **23.6714, -15.8431, 4.6135**, and if you desaturate by 10%, it is **23.8190, -15.1555, 4.1121**.

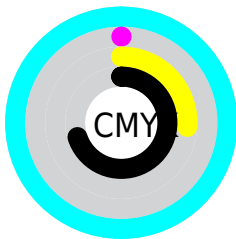
Distribution



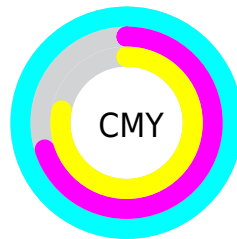
- Red (0%)
- Green (30%)
- Blue (22%)



- Red (0%)
- Yellow (17%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6710, -15.8426, 4.6130 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 23.6710, -15.8426, 4.6130 by changing the saturation by 10% instead.

■ 23.6710, -15.8426,
4.6130

■ 23.6710, -15.8426,
4.6130

124.6977,
-34.5922, 12.8905

■ 16.1414, -13.1571,
3.7370

■ 41.3552, -20.5760,
6.3564

■ 9.6406, -12.5978,
3.1135

■ 51.3541, -22.7497,
7.2408

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0499, -24.8402,
8.1391

0.0000, NaN, NaN

■ 73.3998, -26.8680,
9.0535

0.0000, NaN, NaN

■ 85.3679, -28.8476,
9.9852


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.9240, -30.7897,


10.9350


0.0000, NaN, NaN


 111.0416,
-32.7025, 11.9034


 23.6710, -15.8426,
4.6130


 23.6710, -15.8426,
4.6130


 23.6714, -15.8431,
4.6135

 23.8190, -15.1555,
4.1121

 23.9789, -14.4204,
3.6067

 24.1872, -13.4947,
3.1399

 24.4497, -12.3625,
2.7215

 24.7688, -11.0222,
2.3577

■ 25.1460, -9.4773,
2.0532

■ 25.5823, -7.7356,
1.8117

■ 26.0776, -5.8081,
1.6352

■ 26.6315, -3.7087,
1.5247

Harmonies

Analogous

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



23.6715, -12.6496, 9.9271



23.6710, -15.8426, 4.6130



23.6715, -15.5747, -4.1303

Triad

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



23.6715, -15.8428, 4.6132



23.6715, 4.0881, -20.3187



23.6715, 11.5913, 10.4508

Complementary

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



23.6710, -15.8426, 4.6130



12.7610, 22.2480, 5.1769

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.



23.6715, 17.5412, 5.6681



23.6710, -15.8426, 4.6130



23.6715, 12.7862, -12.7410

Square

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



23.6715, -15.8428, 4.6132



23.6715, -4.9311, -20.9397



23.6715, 18.0084, -2.6016



23.6715, 2.6402, 12.3528

Rectangle

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



23.6710, -15.8426, 4.6130



23.6715, -13.4721, -10.9629



23.6715, 18.0084, -2.6016



23.6715, 14.0630, 9.2293

Sweetspot

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



23.6715, -15.8428, 4.6132



33.2633, -10.3363, 2.3904



23.3717, -18.3432, 14.0801



16.9828, -5.5742, 1.2597



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.



23.6715, -15.8428, 4.6132



30.8196, -20.7603, 6.2938



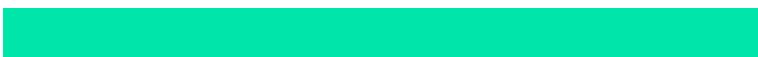
19.1505, -6.4322, -10.0505



13.7288, -1.7547, 0.7786



31.6507, -21.3323, 6.4896



76.9504, -52.5403, 17.2382

Inverse Universe

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



12.7610, 22.2480, 5.1769



16.5889, 28.8540, 7.2691



14.1756, 16.4507, 9.0225



13.0736, 0.3656, 0.7024



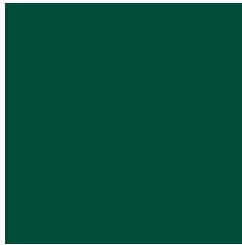
17.0341, 29.6223, 7.5114



41.3069, 71.5192, 20.6455

Previews

White Background



This preview shows how the HunterLab color 23.6710, -15.8426, 4.6130 looks on a white background.

Color Contrast Check

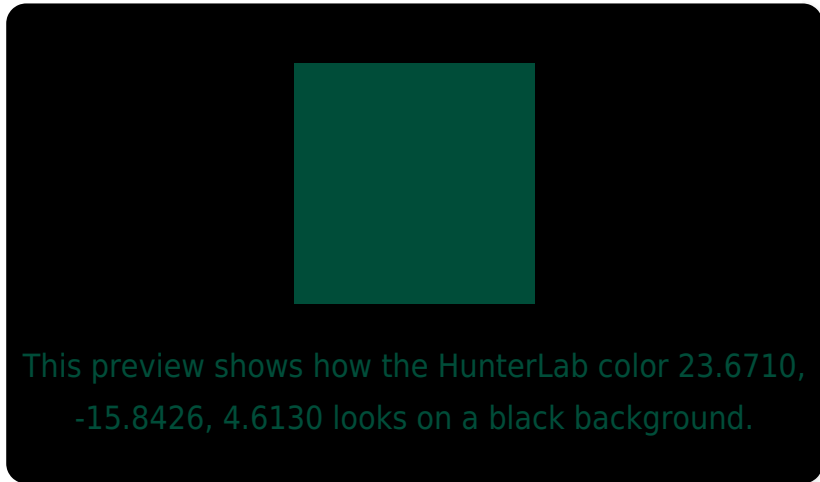
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6710, -15.8426, 4.6130 Background



This preview shows how black text looks on a background with the HunterLab color 23.6710, -15.8426, 4.6130.



This preview shows how white text looks on a background with the HunterLab color 23.6710,

-15.8426, 4.6130.

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

23.6710, -15.8426, 4.6130

Protanopia

23.7486, -1.7280, 6.4926

Deuteranopia

23.8424, 1.4473, 4.0862



Tritanopia

23.8399, -9.5415, -4.3519

Trichromacy



Original Color

23.6710, -15.8426, 4.6130

Protanomaly

23.1380, -9.2797, 5.1520

Deuteranomaly

22.8582, -7.3277, 3.2245

Tritanomaly

23.6858, -12.0633, -0.9628

Monochromacy



Original Color

23.6710, -15.8426, 4.6130

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.8171, -8.0018, 1.6294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6710, -15.8426, 4.6130 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6710, -15.8426, 4.6130 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, 57) }
```


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

```
.border{ border-color:rgb(0, 77, 57) }
```

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, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 57); box-shadow:4px  
4px 4px 4px rgb(0, 77, 57) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6710, -15.8426, 4.6130 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, 57) }
```

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

```
.background{ background-color: rgb(0, 77,  
57) }
```

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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