

Converting Colors

HunterLab(36.0370, -26.8352,
2.9441)

Have a look what the booklet for
HunterLab(36.0370, -26.8352,
2.9441) contains.

HunterLab(36.8587, -23.2470, 4.1134)	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(36.8587,
-23.2470, 4.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	007561
RGB	0, 117, 97
RGB Percent	0%, 46%, 38%
CMY	1.0000, 0.5412, 0.6196
CMYK	1.00, 0.00, 0.17, 0.54
HSL	170°, 100%, 23%
HSV	170°, 100%, 46%
XYZ	8.5189, 13.5856, 13.4825
YIQ	79.7370, -63.3120, -31.0240

Conversions

Conversions Part 2

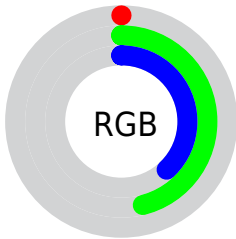
Format	Color
RYB	0, 64, 117
Decimal	30049
CIELab	43.63, -33.28, 3.13
CIELCh	44, 33.423, 174.627
Yxy	13.5862, 0.2394, 0.3818
Android (android.graphics.Color)	4278220129 (0xFF007561)
YUV	79.7370, 8.5107, -69.9293
Hunter-Lab	36.8587, -23.2470, 4.1134

Details

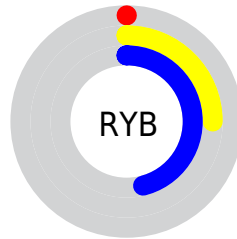
The HunterLab color **36.8587, -23.2470, 4.1134** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.5775, 33.7827, 10.6493**, and the grayscale version is **28.2161, -1.5055, 1.5330**.

A 20% lighter version of the original color is **56.9421, -28.4881, 5.4166**, and **20.9123, -13.8520, 3.7639** is the 20% darker color. If you saturate the color by 10%, you get **36.8593, -23.2477, 4.1143**, and if you desaturate by 10%, it is **37.0135, -22.5217, 3.5039**.

Distribution



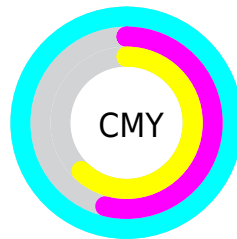
- Red (0%)
- Green (46%)
- Blue (38%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8587, -23.2470, 4.1134 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 36.8587, -23.2470, 4.1134 by changing the saturation by 10% instead.

36.8587, -23.2470,
4.1134

36.8587, -23.2470,
4.1134

146.5063,
-44.3461, 11.3751

27.9882, -20.3844,
3.4342

56.8796, -28.4708,
5.5503

19.9713, -17.2601,
2.7786

67.9233, -30.9127,
6.3076

12.9118, -13.9935,
2.1427

79.6015, -33.2748,
7.0907

6.3423, -11.0991,
2.3907

91.8815, -35.5736,
7.8991

0.0000, NaN, NaN

0.0000, NaN, NaN

104.7351,
-37.8216, 8.7322

0.0000, NaN, NaN

118.1378,

0.0000, NaN, NaN

-40.0282, 9.5896

0.0000, NaN, NaN

132.0679,
-42.2010, 10.4708

36.8587, -23.2470,
4.1134

36.8587, -23.2470,
4.1134

36.8593, -23.2477,
4.1143

37.0135, -22.5217,
3.5039

37.2151, -21.6068,
2.9380

37.4988, -20.3698,
2.4604

37.8719, -18.7900,
2.0839

38.3399, -16.8588,
1.8181

■ 38.9064, -14.5776,
1.6698

■ 39.5735, -11.9565,
1.6428

■ 40.3416, -9.0124,
1.7385

■ 41.2104, -5.7675,
1.9559

Harmonies

Analogous

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



36.8594, -19.8253, 13.0705



36.8587, -23.2470, 4.1134



36.8594, -21.6260, -9.0326

Triad

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



36.8594, -23.2472, 4.1138



36.8594, 8.7573, -25.9358



36.8594, 13.2426, 16.3558

Complementary

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



36.8587, -23.2470, 4.1134



19.5775, 33.7827, 10.6493

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.



36.8594, 22.9309, 10.4256



36.8587, -23.2470, 4.1134



36.8594, 20.1058, -14.1137

Square

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



36.8594, -23.2472, 4.1138



36.8594, -4.2252, -29.3811



36.8594, 25.5980, -0.2334



36.8594, 0.3434, 18.4392

Rectangle

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



36.8587, -23.2470, 4.1134



36.8594, -17.7728, -18.3012



36.8594, 25.5980, -0.2334



36.8594, 17.0486, 14.8687

Sweetspot

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



36.8594, -23.2472, 4.1138



52.8805, -16.2900, 2.1952



35.8992, -29.6059, 21.6022



25.2095, -8.3831, 1.0516



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.8594, -23.2472, 4.1138



49.3059, -31.2146, 5.7554



26.4859, -5.3989, -21.4492



20.3594, -2.6832, 0.9775



38.6865, -24.4170, 4.3546



85.3363, -54.2931, 10.5403

Inverse Universe

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



19.5775, 33.7827, 10.6493



26.1679, 45.1010, 14.6790



22.6025, 23.6226, 14.3404



19.2617, 0.6465, 1.2179



20.5443, 35.4450, 11.2428



45.2525, 77.8773, 26.2882

Previews

White Background



This preview shows how the HunterLab color 36.8587, -23.2470, 4.1134 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 × Fail

Black Background



This preview shows how the HunterLab color 36.8587, -23.2470, 4.1134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8587, -23.2470, 4.1134 Background



This preview shows how black text looks on a background with the HunterLab color 36.8587, -23.2470, 4.1134.



This preview shows how white text looks on a background with the HunterLab color 36.8587, -23.2470, 4.1134.

-23.2470, 4.1134.

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

36.8587, -23.2470, 4.1134

Protanopia

36.8916, -2.4448, 7.5002

Deuteranopia

36.6615, 2.7904, 2.7283



Tritanopia

36.8516, -15.3748, -7.7101

Trichromacy



Original Color

36.8587, -23.2470, 4.1134

Protanomaly

35.7254, -13.8112, 4.9682

Deuteranomaly

35.5593, -11.0172, 1.6160

Tritanomaly

36.6335, -18.3771, -3.5137

Monochromacy



Original Color

36.8587, -23.2470, 4.1134

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.3387, -12.1473, 1.2764

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8587, -23.2470, 4.1134 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, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 97)  
}
```

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, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8587, -23.2470, 4.1134 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, 117, 97) }
```


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

```
.border{ border-color:rgb(0, 117, 97) }
```

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

Here you see how a box with a 4 pixel rgb(0, 117, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.8587, -23.2470, 4.1134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 97) }
```

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

```
.background{ background-color: rgb(0, 117,  
97) }
```

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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