

Converting Colors

HunterLab(34.9118, -30.1407,
4.3268)

Have a look what the booklet for
HunterLab(34.9118, -30.1407,
4.3268) contains.

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Color

**HunterLab(36.3952,
-23.7999, 5.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	00745B
RGB	0, 116, 91
RGB Percent	0%, 45%, 36%
CMY	1.0000, 0.5451, 0.6431
CMYK	1.00, 0.00, 0.22, 0.55
HSL	167°, 100%, 23%
HSV	167°, 100%, 45%
XYZ	8.1337, 13.2461, 12.0256
YIQ	78.4660, -61.1110, -32.3670

Conversions

Conversions Part 2

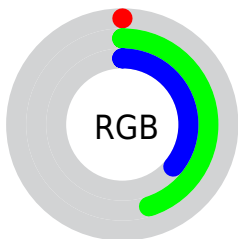
Format	Color
RYB	0, 65, 116
Decimal	29787
CIELab	43.13, -34.54, 5.99
CIElCh	43, 35.058, 170.155
Yxy	13.2466, 0.2435, 0.3965
Android (android.graphics.Color)	4278219867 (0xFF00745B)
YUV	78.4660, 6.1793, -68.8147
Hunter-Lab	36.3952, -23.7999, 5.8862

Details

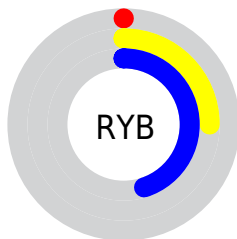
The HunterLab color **36.3952, -23.7999, 5.8862** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.4512, 33.6699, 9.7705**, and the grayscale version is **27.7649, -1.4815, 1.5085**.

A 20% lighter version of the original color is **56.3869, -29.3584, 7.7347**, and **20.5031, -14.2825, 5.2047** is the 20% darker color. If you saturate the color by 10%, you get **36.3958, -23.8006, 5.8870**, and if you desaturate by 10%, it is **36.5593, -23.0154, 5.1406**.

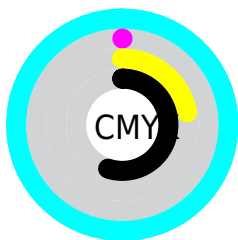
Distribution



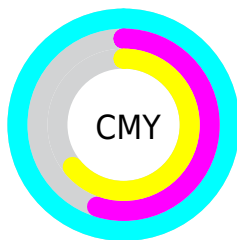
- Red (0%)
- Green (45%)
- Blue (36%)



- Red (0%)
- Yellow (25%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3952, -23.7999, 5.8862 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 36.3952, -23.7999, 5.8862 by changing the saturation by 10% instead.

36.3952, -23.7999,
5.8862

36.3952, -23.7999,
5.8862

145.7711,
-45.5501, 14.3640

27.5655, -20.8265,
5.0171

56.3437, -29.2091,
7.6536

19.5938, -17.5724,
4.1473

67.3546, -31.7313,
8.5585

12.5858, -14.3860,
3.2606

79.0018, -34.1677,
9.4803

5.8889, -10.3055,
4.1222

91.2524, -36.5359,
10.4198

0.0000, NaN, NaN

0.0000, NaN, NaN

104.0779,
-38.8491, 11.3777

0.0000, NaN, NaN

117.4536,

0.0000, NaN, NaN

-41.1174, 12.3542

0.0000, NaN, NaN

131.3578,
-43.3490, 13.3497

36.3952, -23.7999,
5.8862

36.3952, -23.7999,
5.8862

36.3958, -23.8006,
5.8870

36.5593, -23.0154,
5.1406

36.7701, -22.0402,
4.4272

37.0628, -20.7412,
3.7904

37.4449, -19.0987,
3.2436

37.9215, -17.1054,
2.7976

■ 38.4960, -14.7638,
2.4605

■ 39.1704, -12.0849,
2.2375

■ 39.9452, -9.0867,
2.1316

■ 40.8196, -5.7922,
2.1432

Harmonies

Analogous

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



36.3959, -19.5137, 14.3407



36.3952, -23.7999, 5.8862



36.3959, -22.9079, -7.3991

Triad

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



36.3959, -23.8001, 5.8866



36.3959, 7.2581, -28.9084



36.3959, 15.8623, 16.1100

Complementary

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



36.3952, -23.7999, 5.8862



19.4512, 33.6699, 9.7705

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.



36.3959, 25.1971, 9.3823



36.3952, -23.7999, 5.8862



36.3959, 19.7577, -17.2214

Square

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



36.3959, -23.8001, 5.8866



36.3959, -6.1989, -30.9050



36.3959, 26.7166, -2.4116



36.3959, 2.5159, 18.6852

Rectangle

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



36.3952, -23.7999, 5.8862



36.3959, -19.4427, -17.3712



36.3959, 26.7166, -2.4116



36.3959, 19.6494, 14.4017

Sweetspot

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



36.3959, -23.8001, 5.8866



51.8592, -16.3094, 2.9837



35.6366, -29.0550, 21.4501



25.1781, -8.5639, 1.4991



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.



36.3959, -23.8001, 5.8866



48.2340, -31.6755, 8.0900



27.3285, -6.9610, -19.1305



20.3529, -2.7192, 1.0699



38.5518, -25.2344, 6.2874



85.0273, -56.1697, 14.9777

Inverse Universe

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



19.4512, 33.6699, 9.7705



25.7554, 44.5209, 13.4336



21.8947, 24.8109, 13.9252



19.2681, 0.6808, 1.1270



20.5989, 35.6466, 10.4393



45.3548, 78.2558, 24.7773

Previews

White Background



This preview shows how the HunterLab color 36.3952, -23.7999, 5.8862 looks on a white background.

Color Contrast Check

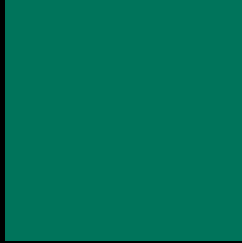
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3952, -23.7999, 5.8862 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 36.3952, -23.7999, 5.8862 Background



This preview shows how black text looks on a background with the HunterLab color 36.3952, -23.7999, 5.8862.



This preview shows how white text looks on a background with the HunterLab color 36.3952, -23.7999, 5.8862.

-23.7999, 5.8862.

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

36.3952, -23.7999, 5.8862

Protanopia

36.1570, -2.4664, 8.4828

Deuteranopia

36.2478, 2.4194, 4.6693



Tritanopia

36.5293, -15.1937, -7.1170

Trichromacy



Original Color

36.3952, -23.7999, 5.8862

Protanomaly

34.9645, -13.9228, 6.0112

Deuteranomaly

35.1109, -11.5223, 3.5512

Tritanomaly

36.2191, -18.6687, -2.1573

Monochromacy



Original Color

36.3952, -23.7999, 5.8862

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.9281, -12.3904, 2.0123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3952, -23.7999, 5.8862 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, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 91)  
}
```

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, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3952, -23.7999, 5.8862 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, 116, 91) }
```


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

```
.border{ border-color:rgb(0, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.3952, -23.7999, 5.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 91) }
```

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

```
.background{ background-color: rgb(0, 116,  
91) }
```

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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