

Converting Colors

HunterLab(23.0495, -12.6420,
-9.6119)

Have a look what the booklet for
HunterLab(23.0495, -12.6420,
-9.6119) contains.

HunterLab(23.6688, -9.6688, -8.7119)	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(23.6688, -9.6688,
-8.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	004A58
RGB	0, 74, 88
RGB Percent	0%, 29%, 35%
CMY	1.0000, 0.7098, 0.6549
CMYK	1.00, 0.16, 0.00, 0.65
HSL	190°, 100%, 17%
HSV	190°, 100%, 35%
XYZ	4.2102, 5.6021, 10.0919
YIQ	53.4700, -48.5980, -11.3340

Conversions

Conversions Part 2

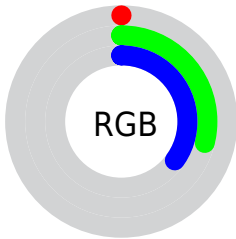
Format	Color
RYB	0, 40, 88
Decimal	19032
CIELab	28.39, -14.40, -13.98
CIELCh	28, 20.076, 224.150
Yxy	5.6023, 0.2115, 0.2815
Android (android.graphics.Color)	4278209112 (0xFF004A58)
YUV	53.4700, 17.0233, -46.8932
Hunter-Lab	23.6688, -9.6688, -8.7119

Details

The HunterLab color **23.6688, -9.6688, -8.7119** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.4563, 21.2445, 9.8953**, and the grayscale version is **18.9841, -1.0129, 1.0314**.

A 20% lighter version of the original color is **41.3820, -12.6754, -9.1726**, and **10.5022, -3.0767, -6.4852** is the 20% darker color. If you saturate the color by 10%, you get **23.6688, -9.6687, -8.7121**, and if you desaturate by 10%, it is **24.1829, -9.7315, -7.9048**.

Distribution



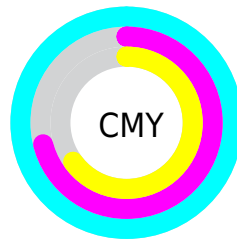
- Red (0%)
- Green (29%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6688, -9.6688, -8.7119 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 23.6688, -9.6688, -8.7119 by changing the saturation by 10% instead.

■ 23.6688, -9.6688,
-8.7119

■ 23.6688, -9.6688,
-8.7119

■ 124.6938,
-22.0532, -8.6845

■ 16.1394, -8.0947,
-8.3695

■ 41.3525, -12.5758,
-9.1615

■ 9.6389, -7.0388,
-7.9777

■ 51.3512, -13.9651,
-9.2735

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 62.0468, -15.3316,
-9.3175

0.0000, NaN, NaN

■ 73.3965, -16.6841,
-9.2989

0.0000, NaN, NaN

■ 85.3645, -18.0285,
-9.2225

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9204, -19.3695,

-9.0923

0.0000, NaN, NaN

111.0378,
-20.7102, -8.9119

23.6688, -9.6688,
-8.7119

23.6688, -9.6688,
-8.7119

23.6688, -9.6687,
-8.7121

24.1829, -9.7315,
-7.9048

24.7172, -9.7203,
-7.0861

25.3120, -9.4830,
-6.1949

25.9704, -9.0121,
-5.2328

26.6932, -8.3091,
-4.2044

■ 27.4800, -7.3809,
-3.1161

■ 28.3300, -6.2384,
-1.9747

■ 29.2414, -4.8949,
-0.7873

■ 30.2122, -3.3654,
0.4391

Harmonies

Analogous

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



23.6692, -12.3170, -1.8440



23.6688, -9.6688, -8.7119



23.6692, -4.6187, -13.4446

Triad

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



23.6692, -9.6687, -8.7115



23.6692, 12.1653, -2.2368



23.6692, -4.2760, 10.2342

Complementary

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



23.6688, -9.6688, -8.7119



15.4563, 21.2445, 9.8953

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.



23.6692, 2.2882, 10.1828



23.6688, -9.6688, -8.7119



23.6692, 12.2830, 4.0437

Square

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



23.6692, -9.6687, -8.7115



23.6692, 8.2002, -9.0659



23.6692, 8.5061, 8.2272



23.6692, -9.4415, 8.3945

Rectangle

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



23.6688, -9.6688, -8.7119



23.6692, -0.3423, -14.1171



23.6692, 8.5061, 8.2272



23.6692, -2.1722, 10.4177

Sweetspot

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



23.6692, -9.6687, -8.7115



37.3462, -8.4128, -2.7652



26.4748, -22.3027, 15.0548



18.6428, -4.4490, -1.5985



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



23.6692, -9.6687, -8.7115



31.1259, -12.5593, -11.7927



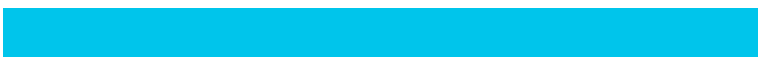
12.9399, 8.3437, -34.1836



15.2045, -1.5862, 0.2971



28.9590, -11.7200, -10.8961



67.8478, -26.7400, -27.0798

Inverse Universe

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



16.0290, 30.5323, -13.5528



21.1697, 40.2861, -17.5784



22.4077, 4.5814, 13.8872



14.6463, 0.7771, -0.0816



19.6754, 37.4517, -16.4097



46.5167, 88.3545, -37.3300

Previews

White Background



This preview shows how the HunterLab color 23.6688, -9.6688, -8.7119 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



This preview shows how the HunterLab color 23.6688, -9.6688, -8.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

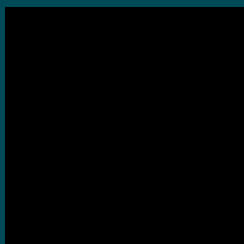
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

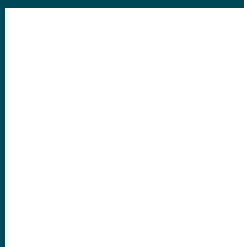
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.6688, -9.6688, -8.7119 Background



This preview shows how black text looks on a background with the HunterLab color 23.6688, -9.6688, -8.7119.



This preview shows how white text looks on a background with the HunterLab color 23.6688, -9.6688, -8.7119.

-8.7119.

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

23.6688, -9.6688, -8.7119

Protanopia

23.9350, 0.4947, -5.5146

Deuteranopia

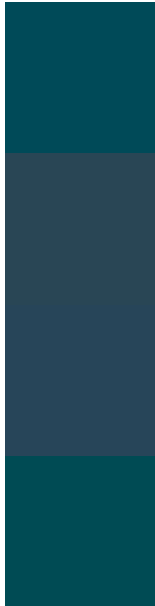
23.7207, 1.5183, -9.5342



Tritanopia

23.7197, -11.3982, -5.0420

Trichromacy



Original Color

23.6688, -9.6688, -8.7119

Protanomaly

23.4683, -4.9843, -7.3388

Deuteranomaly

23.2569, -4.1046, -9.8354

Tritanomaly

23.8165, -10.8279, -6.3943

Monochromacy



Original Color

23.6688, -9.6688, -8.7119

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

20.1765, -6.0097, -2.8187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6688, -9.6688, -8.7119 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, 74, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 88)  
}
```

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, 74, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6688, -9.6688, -8.7119 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, 74, 88) }
```


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

```
.border{ border-color:rgb(0, 74, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 74, 88); box-shadow:4px  
4px 4px 4px rgb(0, 74, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6688, -9.6688, -8.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 88) }
```

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

```
.background{ background-color: rgb(0, 74,  
88) }
```

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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