

Converting Colors

HunterLab(22.2639, -18.4529,
-4.9879)

Have a look what the booklet for
HunterLab(22.2639, -18.4529,
-4.9879) contains.

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Color

**HunterLab(23.8552,
-12.6469, -2.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	004C4C
RGB	0, 76, 76
RGB Percent	0%, 30%, 30%
CMY	1.0000, 0.7020, 0.7020
CMYK	1.00, 0.00, 0.00, 0.70
HSL	180°, 100%, 15%
HSV	180°, 100%, 30%
XYZ	3.8890, 5.6907, 7.7309
YIQ	53.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

Format	Color
RYB	0, 38, 76
Decimal	19532
CIELab	28.62, -20.03, -5.89
CIELCh	29, 20.875, 196.385
Yxy	5.6909, 0.2247, 0.3287
Android (android.graphics.Color)	4278209612 (0xFF004C4C)
YUV	53.2760, 11.2029, -46.7231
Hunter-Lab	23.8552, -12.6469, -2.5159

Details

The HunterLab color **23.8552, -12.6469, -2.5159** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **12.3963, 21.2267, 8.0093**, and the grayscale version is **18.9367, -1.0104, 1.0289**.

A 20% lighter version of the original color is **41.4785, -16.2761, -2.4596**, and **10.6645, -5.6538, -1.1248** is the 20% darker color. If you saturate the color by 10%, you get **23.8556, -12.6472, -2.5157**, and if you desaturate by 10%, it is **23.9582, -12.2422, -2.3726**.

Distribution



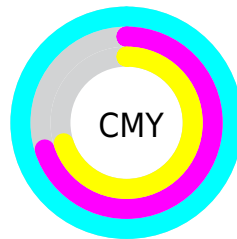
- Red (0%)
- Green (30%)
- Blue (30%)



- Red (0%)
- Yellow (15%)
- Blue (30%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8552, -12.6469, -2.5159 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 23.8552, -12.6469, -2.5159 by changing the saturation by 10% instead.

■ 23.8552, -12.6469,
-2.5159

■ 23.8552, -12.6469,
-2.5159

■ 125.0178,
-27.8898, 0.5051

■ 16.3036, -10.5800,
-2.5451

■ 41.5769, -16.3686,
-2.2217

■ 9.7772, -9.4786,
-2.4760

■ 51.5925, -18.1094,
-1.9776

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 62.3037, -19.8011,
-1.6781

0.0000, NaN, NaN

■ 73.6682, -21.4575,
-1.3281

0.0000, NaN, NaN

■ 85.6502, -23.0882,
-0.9318

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.2194, -24.7004,

-0.4924

0.0000, NaN, NaN

■ 111.3496,
-26.2996, -0.0126

■ 23.8552, -12.6469,
-2.5159

■ 23.8552, -12.6469,
-2.5159

■ 23.8556, -12.6472,
-2.5157

■ 23.9582, -12.2422,
-2.3726

■ 24.0711, -11.7991,
-2.2159

■ 24.2296, -11.1806,
-1.9972

■ 24.4398, -10.3676,
-1.7096

■ 24.7044, -9.3553,
-1.3513

■ 25.0252, -8.1435,
-0.9220

■ 25.4035, -6.7363,
-0.4231

■ 25.8396, -5.1415,
0.1429

■ 26.3335, -3.3695,
0.7724

Harmonies

Analogous

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



23.8556, -12.7791, 4.0651



23.8552, -12.6469, -2.5159



23.8556, -9.7014, -9.6778

Triad

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



23.8556, -12.6469, -2.5156



23.8556, 9.0367, -9.0691



23.8556, 1.9080, 10.5521

Complementary

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



23.8552, -12.6469, -2.5159



12.3963, 21.2267, 8.0093

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.



23.8556, 8.5144, 8.7087



23.8552, -12.6469, -2.5159



23.8556, 12.9331, -1.8451

Square

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



23.8556, -12.6469, -2.5156



23.8556, 2.5585, -14.1319



23.8556, 12.7318, 4.5712



23.8556, -4.8791, 10.4667

Rectangle

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



23.8552, -12.6469, -2.5159



23.8556, -6.3273, -13.2810



23.8556, 12.7318, 4.5712



23.8556, 4.2380, 10.1661

Sweetspot

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



23.8556, -12.6469, -2.5156



33.4761, -9.1199, -0.6390



22.7537, -19.4184, 13.6803



17.1000, -4.9026, -0.4082



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.



23.8556, -12.6469, -2.5156



31.4939, -16.6967, -3.3212



14.1092, 1.1055, -20.0203



13.7520, -1.6261, 0.4481



32.3451, -17.1480, -3.4109



78.7405, -41.7450, -8.3034

Inverse Universe

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



12.3963, 21.2267, 8.0093



16.3648, 28.0252, 10.5744



16.8623, 8.9598, 10.5468



13.0511, 0.2439, 1.0242



16.8071, 28.7827, 10.8602



40.9150, 70.0682, 26.4382

Previews

White Background



This preview shows how the HunterLab color 23.8552, -12.6469, -2.5159 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 23.8552, -12.6469, -2.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

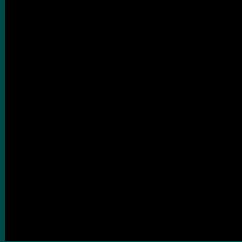
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

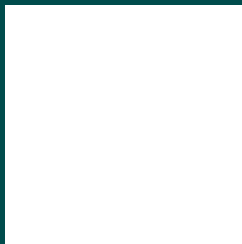
Any Text WCAG AAA × Fail

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

HunterLab 23.8552, -12.6469, -2.5159 Background



This preview shows how black text looks on a background with the HunterLab color 23.8552, -12.6469, -2.5159.



This preview shows how white text looks on a background with the HunterLab color 23.8552,

-12.6469, -2.5159.

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

23.8552, -12.6469, -2.5159

Protanopia

23.8709, -0.4343, -0.1049

Deuteranopia

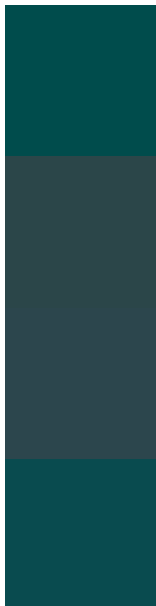
23.8992, 1.3287, -3.1314



Tritanopia

23.9157, -10.6363, -4.7484

Trichromacy



Original Color

23.8552, -12.6469, -2.5159

Protanomaly

23.1839, -6.7795, -1.9528

Deuteranomaly

23.3487, -5.9348, -3.5456

Tritanomaly

23.7797, -11.2885, -3.9880

Monochromacy



Original Color

23.8552, -12.6469, -2.5159

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

20.0362, -6.8156, -0.8374

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8552, -12.6469, -2.5159 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, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 76)  
}
```

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, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8552, -12.6469, -2.5159 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, 76, 76) }
```


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

```
.border{ border-color:rgb(0, 76, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 76); box-shadow:4px  
4px 4px 4px rgb(0, 76, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8552, -12.6469, -2.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 76) }
```

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

```
.background{ background-color: rgb(0, 76,  
76) }
```

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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