

Converting Colors

HunterLab(21.4531, -14.8129,
-17.4113)

Have a look what the booklet for
HunterLab(21.4531, -14.8129,
-17.4113) contains.

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Color

**HunterLab(23.4078, -7.1920,
-13.7322)**

Conversions

Conversions Part 1	
Format	Color
Hex	004860
RGB	0, 72, 96
RGB Percent	0%, 28%, 38%
CMY	1.0000, 0.7176, 0.6235
CMYK	1.00, 0.25, 0.00, 0.62
HSL	195°, 100%, 19%
HSV	195°, 100%, 38%
XYZ	4.4287, 5.4793, 11.8905
YIQ	53.2080, -50.6160, -7.8000

Conversions

Conversions Part 2

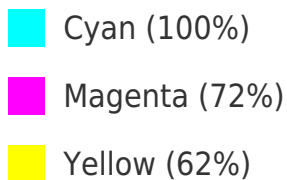
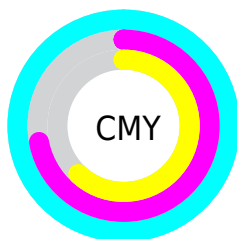
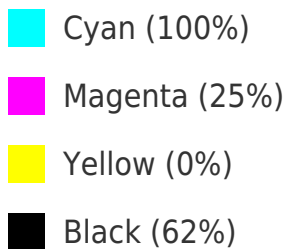
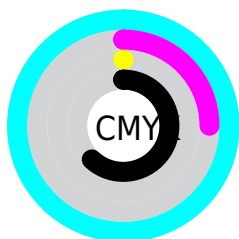
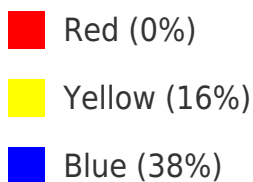
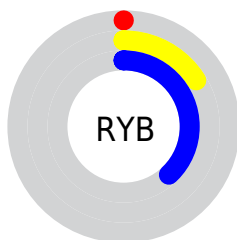
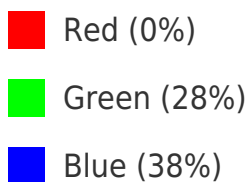
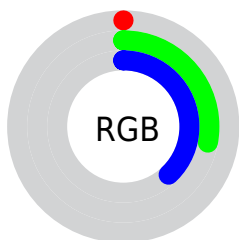
Format	Color
RYB	0, 41, 96
Decimal	18528
CIELab	28.06, -9.99, -19.63
CIELCh	28, 22.027, 243.039
Yxy	5.4794, 0.2032, 0.2514
Android (android.graphics.Color)	4278208608 (0xFF004860)
YUV	53.2080, 21.0965, -46.6634
Hunter-Lab	23.4078, -7.1920, -13.7322

Details

The HunterLab color **23.4078, -7.1920, -13.7322** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.7214, 20.8693, 11.2843**, and the grayscale version is **18.8830, -1.0075, 1.0259**.

A 20% lighter version of the original color is **40.9058, -9.1945, -14.9647**, and **10.5310, -1.2235, -10.5216** is the 20% darker color. If you saturate the color by 10%, you get **23.4074, -7.1914, -13.7331**, and if you desaturate by 10%, it is **24.2030, -7.6384, -12.3294**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4078, -7.1920, -13.7322 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 23.4078, -7.1920, -13.7322 by changing the saturation by 10% instead.

■ 23.4078, -7.1920,
-13.7322

■ 23.4078, -7.1920,
-13.7322

124.2390,
-17.3766, -15.4606

■ 15.9098, -5.9921,
-13.2637

■ 41.0379, -9.4765,
-14.5545

■ 9.4457, -5.1118,
-12.8886

■ 51.0131, -10.5960,
-14.8694

0.0000, NaN, -NF

■ 61.6866, -11.7123,
-15.1175

0.0000, NaN, NaN

■ 73.0155, -12.8304,
-15.3013

0.0000, NaN, NaN

■ 84.9638, -13.9537,
-15.4241

0.0000, NaN, NaN


■ 97.5009, -15.0848,


0.0000, NaN, NaN


0.0000, NaN, NaN


-15.4895


0.0000, NaN, NaN


 110.6004,
-16.2253, -15.5006


 23.4078, -7.1920,
-13.7322


 23.4078, -7.1920,
-13.7322


 23.4074, -7.1914,
-13.7331

 24.2030, -7.6384,
-12.3294

 25.0301, -7.9746,
-10.9297

 25.9308, -8.0471,
-9.4656

 26.9056, -7.8549,
-7.9448

 27.9537, -7.4052,
-6.3767

■ 29.0730, -6.7108,
-4.7712

■ 30.2607, -5.7876,
-3.1373

■ 31.5138, -4.6532,
-1.4831

■ 32.8289, -3.3259,
0.1845

Harmonies

Analogous

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



23.4082, -11.7447, -7.0857



23.4078, -7.1920, -13.7322



23.4082, -0.5131, -16.0208

Triad

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



23.4082, -7.1918, -13.7318



23.4082, 14.2092, 1.9605



23.4082, -8.3181, 9.8324

Complementary

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



23.4078, -7.1920, -13.7322



17.7214, 20.8693, 11.2843

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.



23.4082, -1.9784, 10.9670



23.4078, -7.1920, -13.7322



23.4082, 11.4970, 7.3679

Square

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



23.4082, -7.1918, -13.7318



23.4082, 12.3840, -5.5036



23.4082, 5.3502, 10.2236



23.4082, -12.3378, 6.4849

Rectangle

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



23.4078, -7.1920, -13.7322



23.4082, 4.4071, -14.3379



23.4082, 5.3502, 10.2236



23.4082, -6.4166, 10.4304

Sweetspot

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



23.4082, -7.1918, -13.7318



39.9021, -7.7849, -4.3531



29.0377, -24.0881, 15.7059



19.6519, -4.0672, -2.4835



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



23.4082, -7.1918, -13.7318



30.7138, -9.1414, -18.6558



12.2399, 14.1380, -45.8160



16.7214, -1.6066, 0.1870



27.4553, -8.2734, -16.4568



62.3084, -17.4854, -40.1343

Inverse Universe

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



17.1899, 32.1570, -9.9915



22.7138, 42.4331, -12.7257



26.6869, 1.0651, 16.4624



16.1821, 0.8487, 0.0400



20.2492, 37.8498, -11.5077



46.6463, 86.9273, -24.4636

Previews

White Background



This preview shows how the HunterLab color 23.4078, -7.1920, -13.7322 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 23.4078, -7.1920, -13.7322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

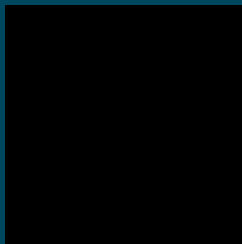
Any Text WCAG AA × Fail

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 23.4078, -7.1920, -13.7322 Background



This preview shows how black text looks on a background with the HunterLab color 23.4078, -7.1920, -13.7322.



This preview shows how white text looks on a background with the HunterLab color 23.4078, -7.1920, -13.7322.

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

23.4078, -7.1920, -13.7322

Protanopia

23.6253, 1.2697, -10.2587

Deuteranopia

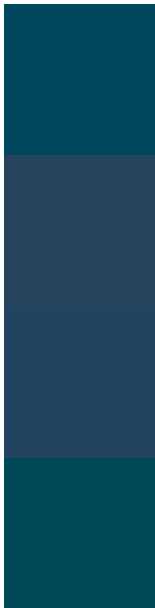
23.5452, 1.4566, -13.9443



Tritanopia

23.4024, -11.2322, -5.0039

Trichromacy



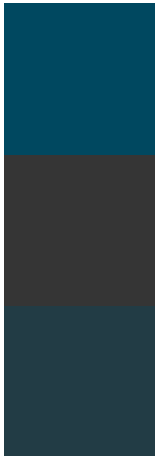
Original Color
23.4078, -7.1920, -13.7322

Protanomaly
23.1011, -3.0116, -12.3968

Deuteranomaly
23.1028, -2.6908, -14.8349

Tritanomaly
23.3173, -9.7077, -8.1885

Monochromacy



Original Color
23.4078, -7.1920, -13.7322

Achromatopsia
18.8683, -1.0068, 1.0252

Achromatomaly
20.0037, -5.1156, -4.4511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4078, -7.1920, -13.7322 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, 72, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 96)  
}
```

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, 72, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4078, -7.1920, -13.7322 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, 72, 96) }
```


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

```
.border{ border-color:rgb(0, 72, 96) }
```

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

Here you see how a box with a 4 pixel rgb(0, 72, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 72, 96); box-shadow:4px  
4px 4px 4px rgb(0, 72, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4078, -7.1920, -13.7322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 96) }
```

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

```
.background{ background-color: rgb(0, 72,  
96) }
```

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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