

Converting Colors

HunterLab(21.4502, -12.6463,
-19.1549)

Have a look what the booklet for
HunterLab(21.4502, -12.6463,
-19.1549) contains.

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Color

**HunterLab(23.2128, -6.3427,
-15.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	004762
RGB	0, 71, 98
RGB Percent	0%, 28%, 38%
CMY	1.0000, 0.7216, 0.6157
CMYK	1.00, 0.28, 0.00, 0.62
HSL	197°, 100%, 19%
HSV	197°, 100%, 38%
XYZ	4.4579, 5.3883, 12.3604
YIQ	52.8490, -50.9830, -6.6550

Conversions

Conversions Part 2

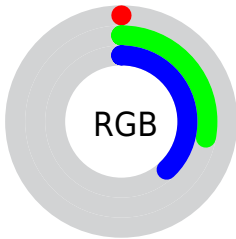
Format	Color
R_{YB}	0, 41, 98
Decimal	18274
CIE _{Lab}	27.81, -8.54, -21.30
CIE _{LCh}	28, 22.945, 248.160
Yxy	5.3885, 0.2007, 0.2426
Android (android.graphics.Color)	4278208354 (0xFF004762)
YUV	52.8490, 22.2594, -46.3486
Hunter-Lab	23.2128, -6.3427, -15.3219

Details

The HunterLab color **23.2128, -6.3427, -15.3219** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **18.3875, 20.5274, 11.6888**, and the grayscale version is **18.7581, -1.0009, 1.0192**.

A 20% lighter version of the original color is **40.6901, -8.3167, -16.5037**, and **10.3418, -0.6172, -11.5940** is the 20% darker color. If you saturate the color by 10%, you get **23.2124, -6.3419, -15.3230**, and if you desaturate by 10%, it is **24.0892, -6.9122, -13.7183**.

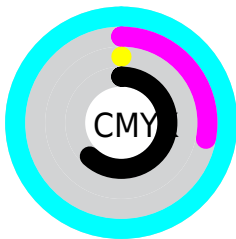
Distribution



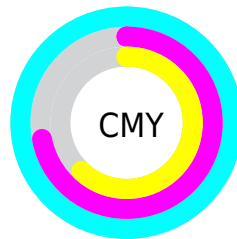
- Red (0%)
- Green (28%)
- Blue (38%)



- Red (0%)
- Yellow (16%)
- Blue (38%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2128, -6.3427, -15.3219 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 23.2128, -6.3427, -15.3219 by changing the saturation by 10% instead.

■ 23.2128, -6.3427,
-15.3219

■ 23.2128, -6.3427,
-15.3219

■ 123.8985,
-15.8130, -17.5153

■ 15.7384, -5.2627,
-14.8420

■ 40.8027, -8.4264,
-16.2285

■ 9.3009, -4.4960,
-14.5266

■ 50.7601, -9.4585,
-16.5961

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 61.4171, -10.4934,
-16.8990

0.0000, NaN, NaN

■ 72.7303, -11.5353,
-17.1382

0.0000, NaN, NaN

■ 84.6638, -12.5866,
-17.3164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.1868, -13.6492,

-17.4367

0.0000, NaN, NaN

■ 110.2728,
-14.7243, -17.5020

■ 23.2128, -6.3427,
-15.3219

■ 23.2128, -6.3427,
-15.3219

■ 23.2124, -6.3419,
-15.3230

■ 24.0892, -6.9122,
-13.7183

■ 25.0018, -7.3601,
-12.1257

■ 25.9918, -7.5334,
-10.4750

■ 27.0593, -7.4331,
-8.7756

■ 28.2027, -7.0685,
-7.0381

■ 29.4195, -6.4542,
-5.2728

■ 30.7062, -5.6075,
-3.4892

■ 32.0594, -4.5475,
-1.6951

■ 33.4752, -3.2933,
0.1032

Harmonies

Analogous

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



23.2132, -11.4831, -8.8560



23.2128, -6.3427, -15.3219



23.2132, 0.8329, -16.7253

Triad

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



23.2132, -6.3425, -15.3214



23.2132, 14.7473, 3.1194



23.2132, -9.4600, 9.6405

Complementary

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



23.2128, -6.3427, -15.3219



18.3875, 20.5274, 11.6888

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.



23.2132, -3.2423, 11.1239



23.2128, -6.3427, -15.3219



23.2132, 11.1600, 8.2163

Square

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



23.2132, -6.3425, -15.3214



23.2132, 13.6440, -4.4123



23.2132, 4.3456, 10.7011



23.2132, -13.1183, 5.7913

Rectangle

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



23.2128, -6.3427, -15.3219



23.2132, 5.9306, -14.2875



23.2132, 4.3456, 10.7011



23.2132, -7.6334, 10.3665

Sweetspot

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



23.2132, -6.3425, -15.3214



40.4909, -7.5365, -4.8333



29.6829, -24.5480, 15.8922



19.5019, -3.8403, -2.6836



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.



23.2132, -6.3425, -15.3214



30.4367, -7.9733, -20.8311



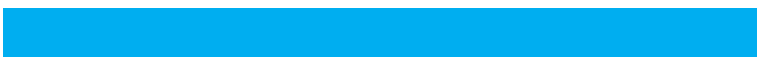
12.2054, 15.3288, -48.3434



16.6917, -1.5585, 0.1516



26.6490, -7.1200, -17.9389



60.3428, -14.6290, -43.8435

Inverse Universe

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



17.4695, 32.5183, -8.8985



23.0862, 42.9108, -11.2451



27.6538, 0.4198, 17.0469



16.1790, 0.8321, 0.0840



20.1401, 37.4616, -10.0163



46.3847, 85.9944, -20.8734

Previews

White Background



This preview shows how the HunterLab color 23.2128, -6.3427, -15.3219 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

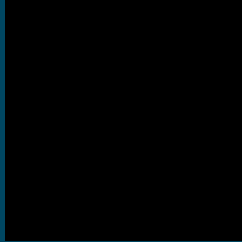
Any Text WCAG AA × Fail

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 23.2128, -6.3427, -15.3219 Background



This preview shows how black text looks on a background with the HunterLab color 23.2128, -6.3427, -15.3219.



This preview shows how white text looks on a background with the HunterLab color 23.2128, -6.3427, -15.3219.

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

23.2128, -6.3427, -15.3219

Protanopia

23.3254, 1.6785, -11.9209

Deuteranopia

23.4544, 1.3118, -15.3646



Tritanopia

23.0859, -11.0666, -4.9659

Trichromacy



Original Color

23.2128, -6.3427, -15.3219

Protanomaly

22.8377, -2.4469, -14.0775

Deuteranomaly

23.1131, -2.4907, -16.0821

Tritanomaly

23.0361, -9.3410, -8.6287

Monochromacy



Original Color

23.2128, -6.3427, -15.3219

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 23.2128, -6.3427, -15.3219 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, 71, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 98)  
}
```

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, 71, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2128, -6.3427, -15.3219 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, 71, 98) }
```


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

```
.border{ border-color:rgb(0, 71, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 98); box-shadow:4px  
4px 4px 4px rgb(0, 71, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2128, -6.3427, -15.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 98) }
```

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

```
.background{ background-color: rgb(0, 71,  
98) }
```

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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