

Converting Colors

HunterLab(22.0446, -5.3107,
-16.0896)

Have a look what the booklet for
HunterLab(22.0446, -5.3107,
-16.0896) contains.

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Color

**HunterLab(22.0428, -5.2239,
-16.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	004360
RGB	0, 67, 96
RGB Percent	0%, 26%, 38%
CMY	1.0000, 0.7373, 0.6235
CMYK	1.00, 0.30, 0.00, 0.62
HSL	198°, 100%, 19%
HSV	198°, 100%, 38%
XYZ	4.1185, 4.8589, 11.7871
YIQ	50.2730, -49.2410, -5.1850

Conversions

Conversions Part 2

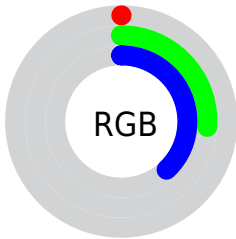
Format	Color
R _{YB}	0, 39, 96
Decimal	17248
CIE Lab	26.33, -6.83, -22.34
CIE LCh	26, 23.360, 252.992
Yxy	4.8590, 0.1983, 0.2340
Android (android.graphics.Color)	4278207328 (0xFF004360)
YUV	50.2730, 22.5434, -44.0894
Hunter-Lab	22.0428, -5.2239, -16.2747

Details

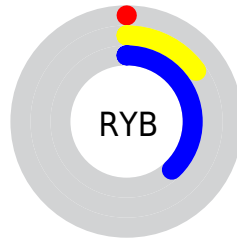
The HunterLab color **22.0428, -5.2239, -16.2747** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.3466, 19.1041, 11.6387**, and the grayscale version is **17.8907, -0.9546, 0.9720**.

A 20% lighter version of the original color is **39.4479, -6.9878, -17.3031**, and **9.5761, 0.0555, -12.0890** is the 20% darker color. If you saturate the color by 10%, you get **22.0423, -5.2231, -16.2759**, and if you desaturate by 10%, it is **22.9663, -5.8718, -14.5204**.

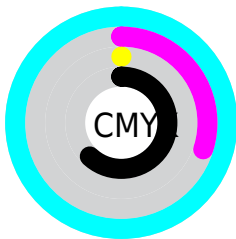
Distribution



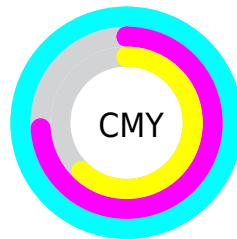
- Red (0%)
- Green (26%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.0428, -5.2239, -16.2747 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 22.0428, -5.2239, -16.2747 by changing the saturation by 10% instead.

■ 22.0428, -5.2239,
-16.2747

■ 22.0428, -5.2239,
-16.2747

■ 121.8419,
-13.8481, -18.8069

■ 14.7132, -4.2807,
-15.8062

■ 39.3868, -7.0737,
-17.2362

■ 8.3707, -4.0040,
-15.8467

■ 49.2361, -8.0026,
-17.6427

0.0000, NaN, -NF

■ 59.7922, -8.9412,
-17.9866

0.0000, NaN, NaN

■ 71.0104, -9.8922,
-18.2675

0.0000, NaN, NaN

■ 82.8539, -10.8575,
-18.4872

0.0000, NaN, NaN

■ 95.2911, -11.8381,

0.0000, NaN, NaN

0.0000, NaN, NaN

-18.6484

0.0000, NaN, NaN

108.2950,
-12.8348, -18.7540

22.0428, -5.2239,
-16.2747

22.0428, -5.2239,
-16.2747

22.0423, -5.2231,
-16.2759

22.9663, -5.8718,
-14.5204

23.9251, -6.4041,
-12.7939

24.9616, -6.6652,
-11.0210

26.0751, -6.6581,
-9.2123

27.2633, -6.3939,
-7.3788

■ 28.5231, -5.8882,
-5.5307

■ 29.8508, -5.1593,
-3.6767

■ 31.2426, -4.2265,
-1.8236

■ 32.6944, -3.1085,
0.0231

Harmonies

Analogous

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



22.0432, -10.7309, -10.2993



22.0428, -5.2239, -16.2747



22.0432, 2.1457, -16.6990

Triad

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



22.0432, -5.2236, -16.2743



22.0432, 14.6379, 4.0560



22.0432, -10.1420, 9.0373

Complementary

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



22.0428, -5.2239, -16.2747



18.3466, 19.1041, 11.6387

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.



22.0432, -4.3145, 10.7936



22.0428, -5.2239, -16.2747



22.0432, 10.3441, 8.6318

Square

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



22.0432, -5.2236, -16.2743



22.0432, 14.3090, -3.1830



22.0432, 3.1836, 10.6752



22.0432, -13.3003, 4.8343

Rectangle

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



22.0428, -5.2239, -16.2747



22.0432, 7.2022, -13.6132



22.0432, 3.1836, 10.6752



22.0432, -8.4663, 9.8593

Sweetspot

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



22.0432, -5.2236, -16.2743



39.3426, -6.9292, -5.0925



29.0752, -23.8540, 15.1535



19.3463, -3.6032, -2.8930



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.



22.0432, -5.2236, -16.2743



28.8592, -6.4461, -22.1562



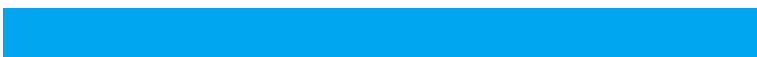
11.4777, 16.4274, -49.8054



16.6608, -1.5083, 0.1147



25.8193, -5.9030, -19.5291



58.3228, -11.6114, -47.8328

Inverse Universe

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



17.0067, 31.5044, -7.4823



22.4669, 41.5528, -9.3381



27.8693, -0.9648, 17.1555



16.1758, 0.8148, 0.1297



20.0307, 37.0710, -8.5121



46.1231, 85.0590, -17.2639

Previews

White Background



This preview shows how the HunterLab color 22.0428, -5.2239, -16.2747 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 22.0428, -5.2239, -16.2747 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 22.0428, -5.2239, -16.2747 Background



This preview shows how black text looks on a background with the HunterLab color 22.0428, -5.2239, -16.2747.



This preview shows how white text looks on a background with the HunterLab color 22.0428, -5.2239, -16.2747.

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

22.0428, -5.2239, -16.2747

Protanopia

22.3043, 1.9631, -13.1369

Deuteranopia

22.3069, 1.1120, -16.2943



Tritanopia

22.1095, -10.7563, -4.4152

Trichromacy



Original Color

22.0428, -5.2239, -16.2747

Protanomaly

21.9025, -1.9091, -14.5707

Deuteranomaly

21.8885, -1.6258, -17.1746

Tritanomaly

22.0925, -8.8523, -8.5042

Monochromacy



Original Color

22.0428, -5.2239, -16.2747

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.8167, -4.2526, -5.2117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.0428, -5.2239, -16.2747 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, 67, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 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, 67, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 22.0428, -5.2239, -16.2747 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, 67, 96) }
```


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

```
.border{ border-color:rgb(0, 67, 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, 67, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 96); box-shadow:4px  
4px 4px 4px rgb(0, 67, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 22.0428, -5.2239, -16.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 96) }
```

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

```
.background{ background-color: rgb(0, 67,  
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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