

Converting Colors

HunterLab(20.7314, -18.1571,
-31.2098)

Have a look what the booklet for
HunterLab(20.7314, -18.1571,
-31.2098) contains.

HunterLab(24.3617, -3.7470, -22.3613)	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(24.3617, -3.7470,
-22.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	004970
RGB	0, 73, 112
RGB Percent	0%, 29%, 44%
CMY	1.0000, 0.7137, 0.5608
CMYK	1.00, 0.35, 0.00, 0.56
HSL	201°, 100%, 22%
HSV	201°, 100%, 44%
XYZ	5.3072, 5.9349, 16.1950
YIQ	55.6190, -56.0270, -3.3470

Conversions

Conversions Part 2

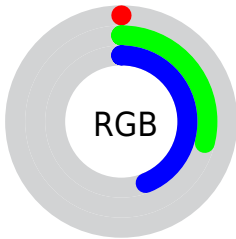
Format	Color
R_{YB}	0, 44, 112
Decimal	18800
CIE _{Lab}	29.25, -3.92, -27.95
CIE _{LCh}	29, 28.227, 262.007
Yxy	5.9351, 0.1934, 0.2163
Android (android.graphics.Color)	4278208880 (0xFF004970)
YUV	55.6190, 27.7958, -48.7779
Hunter-Lab	24.3617, -3.7470, -22.3613

Details

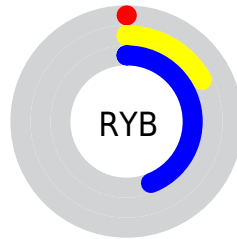
The HunterLab color **24.3617, -3.7470, -22.3613** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.1283, 21.0337, 14.0026**, and the grayscale version is **19.6800, -1.0501, 1.0692**.

A 20% lighter version of the original color is **42.1103, -4.9781, -23.5896**, and **11.3961, 1.8238, -18.1813** is the 20% darker color. If you saturate the color by 10%, you get **24.3608, -3.7454, -22.3636**, and if you desaturate by 10%, it is **25.5664, -4.8578, -19.8809**.

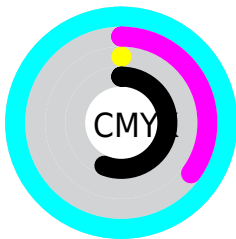
Distribution



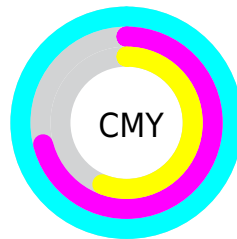
- Red (0%)
- Green (29%)
- Blue (44%)



- Red (0%)
- Yellow (17%)
- Blue (44%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.3617, -3.7470, -22.3613 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 24.3617, -3.7470, -22.3613 by changing the saturation by 10% instead.

■ 24.3617, -3.7470,
-22.3613

■ 24.3617, -3.7470,
-22.3613

■ 125.8955,
-11.0093, -26.0191

■ 16.7501, -3.0406,
-21.9250

■ 42.1857, -5.2080,
-23.4671

■ 10.1545, -2.3399,
-21.9208

■ 52.2465, -5.9696,
-23.9921

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.0000, -6.7535,
-24.4686

0.0000, NaN, NaN

■ 74.4043, -7.5599,
-24.8901

0.0000, NaN, NaN

■ 86.4241, -8.3888,
-25.2551

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.0294, -9.2402,

-25.5638

0.0000, NaN, NaN

■ 112.1941,
-10.1138, -25.8179

■ 24.3617, -3.7470,
-22.3613

■ 24.3617, -3.7470,
-22.3613

■ 24.3608, -3.7454,
-22.3636

■ 25.5664, -4.8578,
-19.8809

■ 26.8338, -5.7672,
-17.4366

■ 28.2020, -6.3349,
-14.9603

■ 29.6686, -6.5680,
-12.4677

■ 31.2292, -6.4837,
-9.9736

■ 32.8788, -6.1048,
-7.4903

■ 34.6117, -5.4565,
-5.0271

■ 36.4223, -4.5645,
-2.5904

■ 38.3052, -3.4535,
-0.1842

Harmonies

Analogous

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



24.3621, -11.3932, -16.3290



24.3617, -3.7470, -22.3613



24.3621, 5.7950, -20.4049

Triad

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



24.3621, -3.7466, -22.3608



24.3621, 17.6698, 6.8952



24.3621, -13.8926, 9.6679

Complementary

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



24.3617, -3.7470, -22.3613



22.1283, 21.0337, 14.0026

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.



24.3621, -7.6680, 12.4380



24.3617, -3.7470, -22.3613



24.3621, 10.7591, 11.3083

Square

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



24.3621, -3.7466, -22.3608



24.3621, 19.1394, -1.1690



24.3621, 1.2446, 12.8979



24.3621, -16.6476, 3.5824

Rectangle

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



24.3617, -3.7470, -22.3613



24.3621, 11.9097, -15.0753



24.3621, 1.2446, 12.8979



24.3621, -12.1856, 10.9065

Sweetspot

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



24.3621, -3.7466, -22.3608



45.6882, -7.3129, -6.9222



34.2407, -27.9456, 17.5301



22.0221, -3.7359, -3.9139



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



24.3621, -3.7466, -22.3608



31.9239, -4.3924, -30.4203



12.7469, 21.8353, -63.0650



19.0502, -1.6493, 0.0255



26.1097, -3.8973, -24.2218



56.8335, -6.4160, -57.1866

Inverse Universe

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



19.8143, 36.3569, -6.0156



26.2163, 48.0291, -7.3454



33.6639, -2.5678, 20.6979



18.5329, 0.9642, 0.2138



21.2932, 39.0561, -6.3239



47.3482, 86.5354, -11.6538

Previews

White Background



This preview shows how the HunterLab color 24.3617, -3.7470, -22.3613 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 24.3617, -3.7470, -22.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

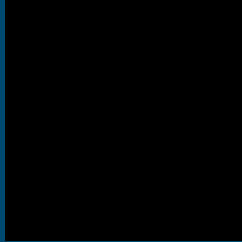
Any Text WCAG AA × Fail

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 24.3617, -3.7470, -22.3613 Background



This preview shows how black text looks on a background with the HunterLab color 24.3617, -3.7470, -22.3613.



This preview shows how white text looks on a background with the HunterLab color 24.3617, -3.7470, -22.3613.

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

24.3617, -3.7470, -22.3613

Protanopia

24.5544, 3.1876, -19.0713

Deuteranopia

24.6702, 1.4487, -22.3194



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

24.3617, -3.7470, -22.3613

Protanomaly

24.1698, -0.6175, -20.6085

Deuteranomaly

24.3552, -0.9496, -23.0410

Tritanomaly

24.4480, -9.1631, -10.7772

Monochromacy



Original Color

24.3617, -3.7470, -22.3613

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.8378, -4.3027, -6.6900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.3617, -3.7470, -22.3613 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, 73, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 112)  
}
```

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, 73, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 24.3617, -3.7470, -22.3613 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, 73, 112) }
```


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

```
.border{ border-color:rgb(0, 73, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.3617, -3.7470, -22.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 112) }
```

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

```
.background{ background-color: rgb(0, 73,  
112) }
```

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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