

Converting Colors

HunterLab(24.2392, -7.7497,
-18.5924)

Have a look what the booklet for
HunterLab(24.2392, -7.7497,
-18.5924) contains.

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Color

**HunterLab(24.6430, -6.0562,
-17.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	004B6A
RGB	0, 75, 106
RGB Percent	0%, 29%, 42%
CMY	1.0000, 0.7059, 0.5843
CMYK	1.00, 0.29, 0.00, 0.58
HSL	198°, 100%, 21%
HSV	198°, 100%, 42%
XYZ	5.1176, 6.0728, 14.5381
YIQ	56.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

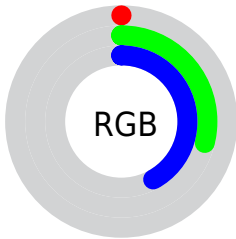
Format	Color
RYB	0, 44, 106
Decimal	19306
CIELab	29.60, -7.73, -23.61
CIELCh	30, 24.841, 251.879
Yxy	6.0730, 0.1989, 0.2360
Android (android.graphics.Color)	4278209386 (0xFF004B6A)
YUV	56.1090, 24.5963, -49.2076
Hunter-Lab	24.6430, -6.0562, -17.7280

Details

The HunterLab color **24.6430, -6.0562, -17.7280** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **20.1116, 21.9118, 12.7753**, and the grayscale version is **19.8569, -1.0595, 1.0789**.

A 20% lighter version of the original color is **42.6048, -8.2811, -18.2826**, and **11.3378, -0.1031, -13.9487** is the 20% darker color. If you saturate the color by 10%, you get **24.6424, -6.0551, -17.7295**, and if you desaturate by 10%, it is **25.6365, -6.8053, -15.8578**.

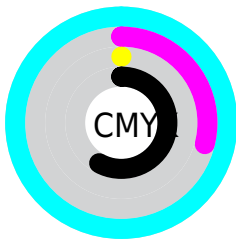
Distribution



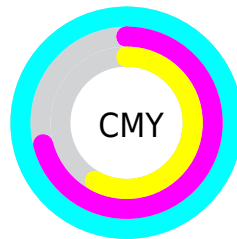
- Red (0%)
- Green (29%)
- Blue (42%)



- Red (0%)
- Yellow (17%)
- Blue (42%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6430, -6.0562, -17.7280 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 24.6430, -6.0562, -17.7280 by changing the saturation by 10% instead.

■ 24.6430, -6.0562,
-17.7280

■ 24.6430, -6.0562,
-17.7280

■ 126.3812,
-15.1417, -20.4187

■ 16.9985, -5.0490,
-17.2358

■ 42.5233, -8.0255,
-18.7159

■ 10.3649, -3.9983,
-16.9448

■ 52.6090, -9.0098,
-19.1372

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.3858, -10.0011,
-19.4977

0.0000, NaN, NaN

■ 74.8120, -11.0026,
-19.7968

0.0000, NaN, NaN

■ 86.8527, -12.0163,
-20.0360

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.4778, -13.0434,

-20.2176

0.0000, NaN, NaN

■ 112.6616,
-14.0850, -20.3443

■ 24.6430, -6.0562,
-17.7280

■ 24.6430, -6.0562,
-17.7280

■ 24.6424, -6.0551,
-17.7295

■ 25.6365, -6.8053,
-15.8578

■ 26.6781, -7.3930,
-13.9950

■ 27.8070, -7.6742,
-12.0741

■ 29.0229, -7.6507,
-10.1064

■ 30.3236, -7.3337,
-8.1045

■ 31.7057, -6.7405,
-6.0802

■ 33.1654, -5.8912,
-4.0436

■ 34.6983, -4.8078,
-2.0031

■ 36.3000, -3.5118,
0.0346

Harmonies

Analogous

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



24.6434, -12.0444, -10.9994



24.6430, -6.0562, -17.7280



24.6434, 2.0328, -18.4511

Triad

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



24.6434, -6.0559, -17.7275



24.6434, 16.1963, 4.2483



24.6434, -11.0318, 10.1357

Complementary

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



24.6430, -6.0562, -17.7280



20.1116, 21.9118, 12.7753

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.



24.6434, -4.4955, 12.0065



24.6430, -6.0562, -17.7280



24.6434, 11.6337, 9.4347

Square

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



24.6434, -6.0559, -17.7275



24.6434, 15.6339, -3.8254



24.6434, 3.8112, 11.8011



24.6434, -14.6463, 5.5862

Rectangle

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



24.6430, -6.0562, -17.7280



24.6434, 7.6280, -15.2090



24.6434, 3.8112, 11.8011



24.6434, -9.1426, 11.0190

Sweetspot

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



24.6434, -6.0559, -17.7275



43.7704, -7.9113, -5.5837



32.2524, -26.6160, 17.1448



20.8966, -4.0069, -3.0992



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



24.6434, -6.0559, -17.7275



32.3336, -7.5616, -24.0909



12.8550, 17.8776, -54.6572



18.3025, -1.6909, 0.1212



27.3437, -6.5863, -19.9592



60.4523, -12.9777, -47.5451

Inverse Universe

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



18.9009, 35.0529, -8.6212



24.9975, 46.2934, -10.8575



30.4241, -0.2040, 18.7430



17.7470, 0.9444, 0.1047



21.0408, 39.0005, -9.4080



47.3302, 87.4453, -18.9579

Previews

White Background



This preview shows how the HunterLab color 24.6430, -6.0562, -17.7280 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 24.6430, -6.0562, -17.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

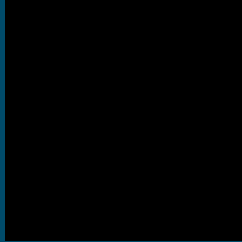
Any Text WCAG AA × Fail

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 24.6430, -6.0562, -17.7280 Background



This preview shows how black text looks on a background with the HunterLab color 24.6430, -6.0562, -17.7280.



This preview shows how white text looks on a background with the HunterLab color 24.6430, -6.0562, -17.7280.

-17.7280.

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

24.6430, -6.0562, -17.7280

Protanopia

24.8123, 2.1927, -14.0923

Deuteranopia

24.8433, 1.5036, -17.8621



Tritanopia

24.6756, -11.8987, -5.1566

Trichromacy



Original Color

24.6430, -6.0562, -17.7280

Protanomaly

24.2854, -2.0685, -16.3994

Deuteranomaly

24.5349, -2.2056, -18.5345

Tritanomaly

24.6586, -9.9577, -9.3252

Monochromacy



Original Color

24.6430, -6.0562, -17.7280

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

21.0345, -5.0632, -5.3885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6430, -6.0562, -17.7280 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, 75, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 106)  
}
```

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, 75, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6430, -6.0562, -17.7280 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, 75, 106) }
```


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

```
.border{ border-color:rgb(0, 75, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.6430, -6.0562, -17.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 106) }
```

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

```
.background{ background-color: rgb(0, 75,  
106) }
```

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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