

Converting Colors

HunterLab(24.6528, -6.2208,
-21.9613)

Have a look what the booklet for
HunterLab(24.6528, -6.2208,
-21.9613) contains.

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Color

**HunterLab(25.1768, -5.0010,
-20.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	004C70
RGB	0, 76, 112
RGB Percent	0%, 30%, 44%
CMY	1.0000, 0.7020, 0.5608
CMYK	1.00, 0.32, 0.00, 0.56
HSL	199°, 100%, 22%
HSV	199°, 100%, 44%
XYZ	5.5091, 6.3387, 16.2623
YIQ	57.3800, -56.8520, -4.9160

Conversions

Conversions Part 2

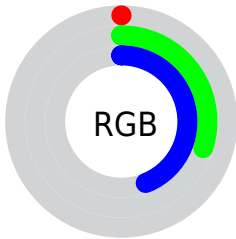
Format	Color
RYB	0, 45, 112
Decimal	19568
CIELab	30.25, -5.86, -26.37
CIELCh	30, 27.012, 257.475
Yxy	6.3389, 0.1960, 0.2255
Android (android.graphics.Color)	4278209648 (0xFF004C70)
YUV	57.3800, 26.9277, -50.3223
Hunter-Lab	25.1768, -5.0010, -20.6731

Details

The HunterLab color **25.1768, -5.0010, -20.6731** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.6962, 22.2010, 13.7568**, and the grayscale version is **20.2836, -1.0823, 1.1020**.

A 20% lighter version of the original color is **43.2727, -6.8111, -21.5770**, and **11.8456, 0.9983, -16.9611** is the 20% darker color. If you saturate the color by 10%, you get **25.1760, -4.9996, -20.6751**, and if you desaturate by 10%, it is **26.3088, -5.9761, -18.4397**.

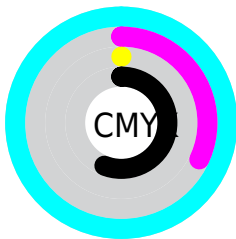
Distribution



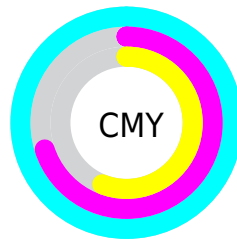
- Red (0%)
- Green (30%)
- Blue (44%)



- Red (0%)
- Yellow (18%)
- Blue (44%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.1768, -5.0010, -20.6731 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 25.1768, -5.0010, -20.6731 by changing the saturation by 10% instead.

■ 25.1768, -5.0010,
-20.6731

■ 25.1768, -5.0010,
-20.6731

■ 127.2996,
-13.1978, -23.9673

■ 17.4707, -4.1434,
-20.1929

■ 43.1629, -6.7202,
-21.7455

■ 10.7660, -3.2675,
-20.0126

■ 53.2953, -7.5957,
-22.2317

■ 1.6700, -2.9225,
-76.5789

■ 64.1160, -8.4860,
-22.6634

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.5835, -9.3927,
-23.0372

0.0000, NaN, NaN

■ 87.6634, -10.3167,
-23.3529

0.0000, NaN, NaN

■ 100.3259,

0.0000, NaN, NaN

-11.2587, -23.6118

0.0000, NaN, NaN

113.5455,
-12.2191, -23.8159

25.1768, -5.0010,
-20.6731

25.1768, -5.0010,
-20.6731

25.1760, -4.9996,
-20.6751

26.3088, -5.9761,
-18.4397

27.5001, -6.7562,
-16.2228

28.7884, -7.2013,
-13.9577

30.1726, -7.3155,
-11.6584

31.6494, -7.1134,
-9.3394

■ 33.2143, -6.6156,
-7.0133

■ 34.8624, -5.8458,
-4.6906

■ 36.5887, -4.8284,
-2.3791

■ 38.3878, -3.5877,
-0.0845

Harmonies

Analogous

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



25.1772, -12.0386, -14.0937



25.1768, -5.0010, -20.6731



25.1772, 4.0841, -20.0226

Triad

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



25.1772, -5.0007, -20.6726



25.1772, 17.4494, 5.8428



25.1772, -12.9056, 10.1735

Complementary

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



25.1768, -5.0010, -20.6731



21.6962, 22.2010, 13.7568

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.



25.1772, -6.3493, 12.5830



25.1768, -5.0010, -20.6731



25.1772, 11.4987, 10.7571

Square

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



25.1772, -5.0007, -20.6726



25.1772, 17.9456, -2.4811



25.1772, 2.5325, 12.7502



25.1772, -16.1513, 4.6958

Rectangle

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



25.1768, -5.0010, -20.6731



25.1772, 10.1138, -15.5772



25.1772, 2.5325, 12.7502



25.1772, -11.0616, 11.2705

Sweetspot

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



25.1772, -5.0007, -20.6726



46.0295, -7.8419, -6.4620



34.2238, -28.0508, 17.7782



22.2074, -4.0211, -3.6594



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.



25.1772, -5.0007, -20.6726



33.0274, -6.1065, -28.0992



12.9986, 20.9848, -61.5438



19.0871, -1.7093, 0.0698



26.9915, -5.2576, -22.3875



58.8916, -9.6597, -52.7567

Inverse Universe

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



19.9169, 36.7248, -7.4390



26.3539, 48.5230, -9.2579



33.1774, -1.7651, 20.4122



18.5367, 0.9847, 0.1594



21.4040, 39.4531, -7.8604



47.6014, 87.4452, -15.1808

Previews

White Background



This preview shows how the HunterLab color 25.1768, -5.0010, -20.6731 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 25.1768, -5.0010, -20.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

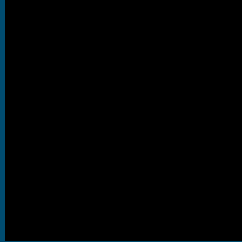
Any Text WCAG AA × Fail

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 25.1768, -5.0010, -20.6731 Background



This preview shows how black text looks on a background with the HunterLab color 25.1768, -5.0010, -20.6731.



This preview shows how white text looks on a background with the HunterLab color 25.1768, -5.0010, -20.6731.

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

25.1768, -5.0010, -20.6731

Protanopia

25.2422, 2.8350, -17.0686

Deuteranopia

25.4557, 1.4847, -20.6759

Trichromacy



Original Color

25.1768, -5.0010, -20.6731

Protanomaly

24.8011, -1.1034, -19.3246

Deuteranomaly

24.9973, -1.4130, -21.6765

Monochromacy



Original Color

25.1768, -5.0010, -20.6731

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.3955, -4.9008, -6.3587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.1768, -5.0010, -20.6731 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, 76, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 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, 76, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 25.1768, -5.0010, -20.6731 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, 76, 112) }
```

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

```
.border{ border-color:rgb(0, 76, 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, 76, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 112)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 25.1768, -5.0010, -20.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 112) }
```

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

```
.background{ background-color: rgb(0, 76,  
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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