

Converting Colors

HunterLab(21.0761, -11.6329,
-35.3711)

Have a look what the booklet for
HunterLab(21.0761, -11.6329,
-35.3711) contains.

| | |
|--|----|
| HunterLab(23.8502, -0.8728, -27.9266) | 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(23.8502, -0.8728,
-27.9266)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 004676 |
| RGB | 0, 70, 118 |
| RGB Percent | 0%, 27%, 46% |
| CMY | 0.9999, 0.7255, 0.5373 |
| CMYK | 1.00, 0.41, 0.00, 0.54 |
| HSL | 204°, 100%, 23% |
| HSV | 204°, 100%, 46% |
| XYZ | 5.4602, 5.6883, 17.9497 |
| YIQ | 54.5420, -57.1280, 0.0880 |

Conversions

Conversions Part 2

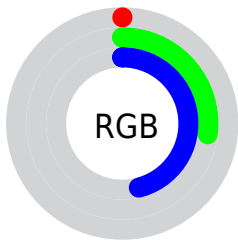
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 0, 44, 118 |
| Decimal | 18038 |
| CIE _{Lab} | 28.61, 0.63, -32.75 |
| CIE _{LCh} | 29, 32.752, 271.109 |
| Yxy | 5.6885, 0.1877, 0.1955 |
| Android (android.graphics.Color) | 4278208118 (0xFF004676) |
| YUV | 54.5420, 31.2848, -47.8333 |
| Hunter-Lab | 23.8502, -0.8728, -27.9266 |

Details

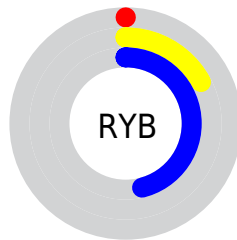
The HunterLab color **23.8502, -0.8728, -27.9266** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.4266, 19.5787, 15.3934**, and the grayscale version is **19.3030, -1.0300, 1.0488**.

A 20% lighter version of the original color is **41.6096, -1.7046, -29.2893**, and **11.2258, 4.0382, -22.7486** is the 20% darker color. If you saturate the color by 10%, you get **23.8489, -0.8705, -27.9299**, and if you desaturate by 10%, it is **25.2786, -2.4227, -24.6664**.

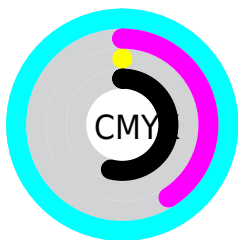
Distribution



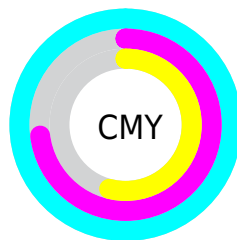
- Red (0%)
- Green (27%)
- Blue (46%)



- Red (0%)
- Yellow (17%)
- Blue (46%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8502, -0.8728, -27.9266 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 23.8502, -0.8728, -27.9266 by changing the saturation by 10% instead.

■ 23.8502, -0.8728,
-27.9266

■ 23.8502, -0.8728,
-27.9266

■ 125.0090, -5.9808,
-32.4002

■ 16.2991, -0.5165,
-27.6766

■ 41.5708, -1.7375,
-29.0407

■ 9.7735, -0.2229,
-28.2442

■ 51.5859, -2.2366,
-29.6457

0.0000, NaN, -NF

■ 62.2967, -2.7751,
-30.2244

0.0000, NaN, -NF

■ 73.6608, -3.3505,
-30.7610

0.0000, NaN, NaN

■ 85.6424, -3.9605,
-31.2488

0.0000, NaN, NaN

■ 98.2113, -4.6032,

0.0000, NaN, NaN

0.0000, NaN, NaN

-31.6847

0.0000, NaN, NaN

111.3412, -5.2771,
-32.0683

23.8502, -0.8728,
-27.9266

23.8502, -0.8728,
-27.9266

23.8489, -0.8705,
-27.9299

25.2786, -2.4227,
-24.6664

26.7893, -3.7231,
-21.4912

28.4181, -4.6393,
-18.3294

30.1595, -5.1856,
-15.2011

32.0066, -5.3867,
-12.1220

■ 33.9516, -5.2727,
-9.1026

■ 35.9870, -4.8748,
-6.1486

■ 38.1056, -4.2234,
-3.2617

■ 40.3007, -3.3466,
-0.4412

Harmonies

Analogous

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



23.8506, -10.4638, -23.1399



23.8502, -0.8728, -27.9266



23.8506, 10.3764, -22.4266

Triad

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



23.8506, -0.8723, -27.9260



23.8506, 19.1353, 9.3886



23.8506, -16.8111, 8.9800

Complementary

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



23.8502, -0.8728, -27.9266



24.4266, 19.5787, 15.3934

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.



23.8506, -11.0440, 12.7449



23.8502, -0.8728, -27.9266



23.8506, 9.5600, 12.8966

Square

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



23.8506, -0.8723, -27.9260



23.8506, 23.1181, 1.6759



23.8506, -1.6728, 13.7792



23.8506, -18.6255, 0.9143

Rectangle

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



23.8502, -0.8728, -27.9266



23.8506, 17.0467, -14.6456



23.8506, -1.6728, 13.7792



23.8506, -15.3277, 10.6398

Sweetspot

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



23.8506, -0.8723, -27.9260



47.5106, -6.5164, -8.4472



36.2822, -29.0753, 17.4171



22.3505, -3.2224, -4.6649



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



23.8506, -0.8723, -27.9260



31.2097, -0.4542, -38.0289



12.5160, 26.5783, -73.0149



19.7920, -1.5884, -0.0850



24.7556, -0.8211, -29.1698



53.0561, 0.9048, -68.2687

Inverse Universe

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



20.7221, 37.6176, -3.1516



27.4289, 49.7112, -3.5035



37.6846, -6.0471, 23.1146



19.3233, 0.9780, 0.3402



21.5468, 39.1078, -3.1947



47.3826, 85.6722, -4.4831

Previews

White Background



This preview shows how the HunterLab color 23.8502, -0.8728, -27.9266 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 23.8502, -0.8728, -27.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

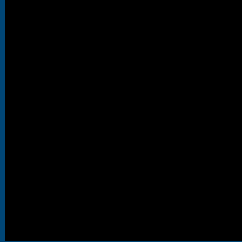
Any Text WCAG AA × Fail

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 23.8502, -0.8728, -27.9266 Background



This preview shows how black text looks on a background with the HunterLab color 23.8502, -0.8728, -27.9266.



This preview shows how white text looks on a background with the HunterLab color 23.8502, -0.8728, -27.9266.

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

23.8502, -0.8728, -27.9266

Protanopia

23.9577, 4.3007, -24.5595

Deuteranopia

24.0497, 1.1407, -27.4151



Tritanopia

23.7197, -11.3982, -5.0420

Trichromacy



Original Color

23.8502, -0.8728, -27.9266

Protanomaly

23.5445, 1.7590, -26.3058

Deuteranomaly

23.8399, 0.4292, -27.9285

Tritanomaly

23.6077, -8.0226, -12.1891

Monochromacy



Original Color

23.8502, -0.8728, -27.9266

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.3448, -3.2796, -8.5263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8502, -0.8728, -27.9266 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, 70, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 118)  
}
```

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, 70, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8502, -0.8728, -27.9266 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, 70, 118) }
```


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

```
.border{ border-color:rgb(0, 70, 118) }
```

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

Here you see how a box with a 4 pixel rgb(0, 70, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 70, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 70, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8502, -0.8728, -27.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 118) }
```

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

```
.background{ background-color: rgb(0, 70,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor