

# Converting Colors

HunterLab(23.5033, -4.8655,  
-30.0494)

Have a look what the booklet for  
HunterLab(23.5033, -4.8655,  
-30.0494) contains.

<b>HunterLab(24.4761, -1.2091, -27.9828)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(24.4761, -1.2091,  
-27.9828)**

# Conversions

Conversions Part 1	
Format	Color
Hex	004878
RGB	0, 72, 120
RGB Percent	0%, 28%, 47%
CMY	0.9999, 0.7176, 0.5294
CMYK	1.00, 0.40, 0.00, 0.53
HSL	204°, 100%, 24%
HSV	204°, 100%, 47%
XYZ	5.7075, 5.9908, 18.6248
YIQ	55.9440, -58.3200, -0.3360

# Conversions

## Conversions Part 2

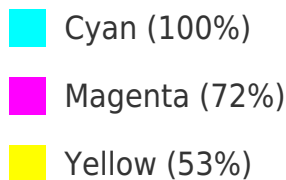
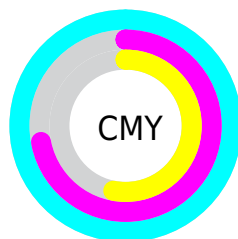
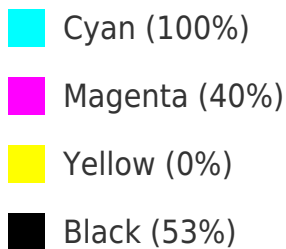
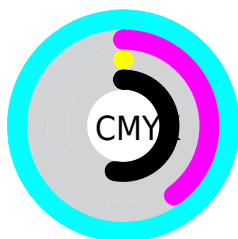
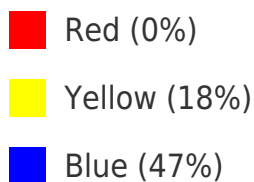
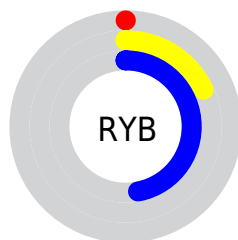
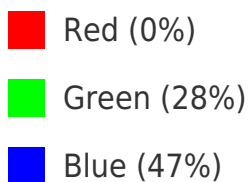
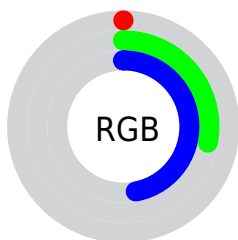
Format	Color
<a href="#">RYB</a>	<a href="#">0, 45, 120</a>
Decimal	<a href="#">18552</a>
CIELab	<a href="#">29.39, 0.15, -32.76</a>
CIELCh	<a href="#">29, 32.764, 270.271</a>
Yxy	<a href="#">5.9910, 0.1882, 0.1976</a>
Android (android.graphics.Color)	<a href="#">4278208632</a> (0xFF004878)
YUV	<a href="#">55.9440, 31.5796, -49.0629</a>
Hunter-Lab	<a href="#">24.4761, -1.2091, -27.9828</a>

# Details

The HunterLab color **24.4761, -1.2091, -27.9828** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.7149, 20.3306, 15.5841**, and the grayscale version is **19.7789, -1.0554, 1.0746**.

A 20% lighter version of the original color is **42.3154, -1.9889, -29.3548**, and **11.5484, 4.1607, -23.4162** is the 20% darker color. If you saturate the color by 10%, you get **24.4747, -1.2067, -27.9864**, and if you desaturate by 10%, it is **25.9120, -2.7600, -24.7402**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4761, -1.2091, -27.9828 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 24.4761, -1.2091, -27.9828 by changing the saturation by 10% instead.



24.4761, -1.2091,  
-27.9828

24.4761, -1.2091,  
-27.9828

126.0931, -6.5644,  
-32.4484

16.8511, -0.8129,  
-27.7009

42.3230, -2.1421,  
-29.1100

10.2400, -0.4731,  
-28.1668

52.3939, -2.6712,  
-29.7141

0.0000, NaN, -NF

0.0000, NaN, -NF

63.1570, -3.2379,  
-30.2902

0.0000, NaN, NaN

74.5702, -3.8398,  
-30.8236

0.0000, NaN, NaN

86.5985, -4.4750,  
-31.3078

0.0000, NaN, NaN

0.0000, NaN, NaN

99.2118, -5.1417,

-31.7402

0.0000, NaN, NaN

112.3843, -5.8386,  
-32.1202

24.4761, -1.2091,  
-27.9828

24.4761, -1.2091,  
-27.9828

24.4747, -1.2067,  
-27.9864

25.9120, -2.7600,  
-24.7402

27.4320, -4.0539,  
-21.5734

29.0713, -4.9577,  
-18.4133

30.8249, -5.4847,  
-15.2804

32.6858, -5.6595,  
-12.1910

■ 34.6464, -5.5121,  
-9.1562

■ 36.6993, -5.0739,  
-6.1825

■ 38.8371, -4.3757,  
-3.2727

■ 41.0532, -3.4460,  
-0.4266

# Harmonies

## Analogous

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



24.4765, -10.8179, -22.9269



24.4761, -1.2091, -27.9828



24.4765, 10.1223, -22.7527

# Triad

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



24.4765, -1.2086, -27.9822



24.4765, 19.4427, 9.3738



24.4765, -16.9174, 9.2722

# Complementary

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



24.4761, -1.2091, -27.9828



24.7149, 20.3306, 15.5841

# 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.



24.4765, -10.9613, 13.0220



24.4761, -1.2091, -27.9828



24.4765, 9.9216, 13.0601

# Square

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



24.4765, -1.2086, -27.9822



24.4765, 23.2443, 1.4260



24.4765, -1.4059, 14.0292



24.4765, -18.8713, 1.2383



# Rectangle

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



24.4761, -1.2091, -27.9828



24.4765, 16.8931, -15.0499



24.4765, -1.4059, 14.0292



24.4765, -15.3747, 10.9256

# Sweetspot

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



24.4765, -1.2086, -27.9822



48.4631, -6.7849, -8.4912



36.9413, -29.6135, 17.7550



23.1352, -3.4150, -4.7855



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



24.4765, -1.2086, -27.9822



32.0477, -0.9119, -38.0882



12.7257, 27.1321, -74.4723



20.6302, -1.6761, -0.0866



25.5082, -1.1684, -29.3607



54.1644, 0.0660, -67.8433



# Inverse Universe

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



21.1218, 38.3829, -3.5229



27.9627, 50.7338, -3.9984



38.3649, -6.1482, 23.5320



20.1287, 1.0428, 0.3330



22.0538, 40.0690, -3.5875



47.9884, 86.8686, -5.3238



# Previews

## White Background



This preview shows how the HunterLab color 24.4761, -1.2091, -27.9828 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 24.4761, -1.2091, -27.9828 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 24.4761, -1.2091, -27.9828 Background



This preview shows how black text looks on a background with the HunterLab color 24.4761, -1.2091, -27.9828.



This preview shows how white text looks on a background with the HunterLab color 24.4761, -1.2091, -27.9828.



# 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

24.4761, -1.2091, -27.9828

### Protanopia

24.6441, 4.2059, -24.4927

### Deuteranopia

24.5202, 1.6105, -27.8288




## Tritanopia

24.3563, -11.7315, -5.1183

# Trichromacy

	<b>Original Color</b> 24.4761, -1.2091, -27.9828
	<b>Protanomaly</b> 24.1820, 1.4885, -26.3365
	<b>Deuteranomaly</b> 24.4969, 0.2087, -27.9086
	<b>Tritanomaly</b> 24.2419, -8.3504, -12.2741

# Monochromacy

	<b>Original Color</b> 24.4761, -1.2091, -27.9828
	<b>Achromatopsia</b> 19.8862, -1.0611, 1.0805
	<b>Achromatomaly</b> 20.9400, -3.7285, -8.1066

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.4761, -1.2091, -27.9828 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, 72, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 120)  
}
```

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, 72, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.4761, -1.2091, -27.9828 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, 72, 120) }
```



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

```
.border{ border-color:rgb(0, 72, 120) }
```

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

Here you see how a box with a 4 pixel rgb(0, 72, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 72, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 72, 120)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.4761, -1.2091, -27.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 120) }
```

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

```
.background{ background-color: rgb(0, 72,  
120) }
```

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