

Converting Colors

HunterLab(26.7726, -6.5950,
-39.4985)

Have a look what the booklet for
HunterLab(26.7726, -6.5950,
-39.4985) contains.

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Color

**HunterLab(28.4774, -0.3110,
-34.9229)**

Conversions

Conversions Part 1

Format	Color
Hex	00538D
RGB	0, 83, 141
RGB Percent	0%, 33%, 55%
CMY	0.9999, 0.6745, 0.4471
CMYK	1.00, 0.41, 0.00, 0.45
HSL	205°, 100%, 28%
HSV	205°, 100%, 55%
XYZ	7.9010, 8.1096, 26.3482
YIQ	64.7950, -68.0860, 0.4420

Conversions

Conversions Part 2

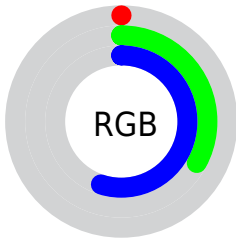
Format	Color
RYB	0, 52, 141
Decimal	21389
CIELab	34.21, 1.79, -38.06
CIElCh	34, 38.104, 272.697
Yxy	8.1099, 0.1865, 0.1915
Android (android.graphics.Color)	4278211469 (0xFF00538D)
YUV	64.7950, 37.5691, -56.8252
Hunter-Lab	28.4774, -0.3110, -34.9229

Details

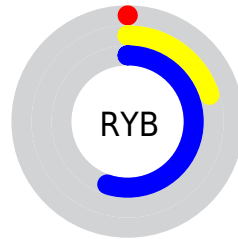
The HunterLab color **28.4774, -0.3110, -34.9229** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **29.4805, 24.0877, 18.5862**, and the grayscale version is **22.8123, -1.2172, 1.2394**.

A 20% lighter version of the original color is **47.0618, -1.1530, -36.0658**, and **14.7960, 5.1234, -29.5537** is the 20% darker color. If you saturate the color by 10%, you get **28.4753, -0.3073, -34.9283**, and if you desaturate by 10%, it is **30.2146, -2.3842, -30.8726**.

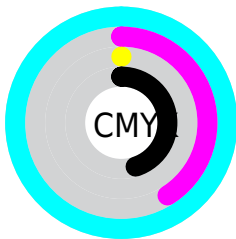
Distribution



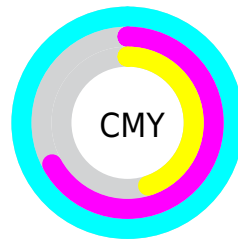
- Red (0%)
- Green (33%)
- Blue (55%)



- Red (0%)
- Yellow (20%)
- Blue (55%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4774, -0.3110, -34.9229 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 28.4774, -0.3110, -34.9229 by changing the saturation by 10% instead.

■ 28.4774, -0.3110,
-34.9229

■ 28.4774, -0.3110,
-34.9229

■ 132.8876, -5.0853,
-40.0024

■ 20.4091, -0.0044,
-34.6826

■ 47.0888, -1.0868,
-36.0718

■ 13.2909, 0.2344,
-35.1779

■ 57.4991, -1.5456,
-36.7274

■ 6.8275, 0.7796,
-41.0252

■ 68.5804, -2.0461,
-37.3723

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.2941, -2.5853,
-37.9869

0.0000, NaN, NaN

■ 92.6080, -3.1607,
-38.5610

0.0000, NaN, NaN

■ 105.4939, -3.7703,

0.0000, NaN, NaN

-39.0896

0.0000, NaN, NaN

118.9276, -4.4123,
-39.5703

■ 28.4774, -0.3110,
-34.9229

■ 28.4774, -0.3110,
-34.9229

■ 28.4753, -0.3073,
-34.9283

■ 30.2146, -2.3842,
-30.8726

■ 32.0719, -4.0918,
-26.8944

■ 34.0794, -5.3141,
-22.9347

■ 36.2301, -6.0673,
-19.0200

■ 38.5150, -6.3828,
-15.1711

■ 40.9241, -6.2990,
-11.4016

■ 43.4476, -5.8563,
-7.7184

■ 46.0760, -5.0940,
-4.1238

■ 48.8008, -4.0482,
-0.6160

Harmonies

Analogous

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



28.4778, -12.3067, -29.5576



28.4774, -0.3110, -34.9229



28.4778, 13.6168, -27.3800

Triad

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



28.4778, -0.3104, -34.9222



28.4778, 23.2933, 11.7928



28.4778, -20.8345, 10.5885

Complementary

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



28.4774, -0.3110, -34.9229



29.4805, 24.0877, 18.5862

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.



28.4778, -14.0368, 15.3464



28.4774, -0.3110, -34.9229



28.4778, 11.1553, 15.7844

Square

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



28.4778, -0.3104, -34.9222



28.4778, 28.7155, 2.6688



28.4778, -2.7118, 16.7000



28.4778, -22.7917, 0.3841

Rectangle

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



28.4774, -0.3110, -34.9229



28.4778, 21.7533, -17.4349



28.4778, -2.7118, 16.7000



28.4778, -19.1099, 12.6866

Sweetspot

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



28.4778, -0.3104, -34.9222



57.9157, -7.8897, -10.6495



43.9769, -35.3586, 21.3636



26.7755, -3.8518, -5.8878



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



28.4778, -0.3104, -34.9222



37.6604, 0.3529, -47.8340



14.9683, 33.0337, -90.0144



23.9776, -1.9339, -0.1665



27.2488, -0.3923, -33.2116



3.3840, -1.1331, -1.7836

Inverse Universe

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



25.0754, 45.4285, -3.1036



33.5039, 60.6122, -3.4332



45.6250, -7.2250, 27.9867



23.3965, 1.2740, 0.3920



23.9497, 43.4051, -3.0551



2.4338, 4.5734, -1.5702

Previews

White Background



This preview shows how the HunterLab color 28.4774, -0.3110, -34.9229 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 28.4774, -0.3110, -34.9229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

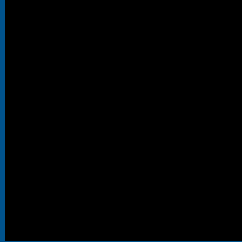
Any Text WCAG AA × Fail

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 28.4774, -0.3110, -34.9229 Background



This preview shows how black text looks on a background with the HunterLab color 28.4774, -0.3110, -34.9229.



This preview shows how white text looks on a background with the HunterLab color 28.4774, -0.3110,

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

28.4774, -0.3110, -34.9229

Protanopia

28.7034, 5.3787, -31.1055

Deuteranopia

28.6686, 1.7059, -34.4198



Tritanopia

28.5602, -13.9339, -5.6186

Trichromacy



Original Color

28.4774, -0.3110, -34.9229

Protanomaly

28.1911, 2.4828, -33.1550

Deuteranomaly

28.4364, 0.9212, -35.0022

Tritanomaly

28.2599, -9.4545, -14.9130

Monochromacy



Original Color

28.4774, -0.3110, -34.9229

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.2826, -4.2139, -10.3966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4774, -0.3110, -34.9229 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, 83, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 141)  
}
```

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, 83, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4774, -0.3110, -34.9229 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, 83, 141) }
```


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

```
.border{ border-color:rgb(0, 83, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 141)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4774, -0.3110, -34.9229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 141) }
```

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

```
.background{ background-color: rgb(0, 83,  
141) }
```

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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