

Converting Colors

HunterLab(41.3753, -1.0035,
-30.4113)

Have a look what the booklet for
HunterLab(41.3753, -1.0035,
-30.4113) contains.

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Color

**HunterLab(41.3734, -0.9778,
-30.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	4975AC
RGB	73, 117, 172
RGB Percent	29%, 46%, 67%
CMY	0.7137, 0.5412, 0.3255
CMYK	0.58, 0.32, 0.00, 0.33
HSL	213°, 40%, 48%
HSV	213°, 58%, 67%
XYZ	16.5553, 17.1176, 41.4612
YIQ	110.1140, -43.8790, 7.7770

Conversions

Conversions Part 2

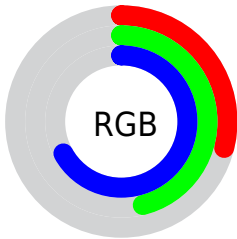
Format	Color
R_{YB}	73, 103, 172
Decimal	4814252
CIE Lab	48.41, 1.62, -33.91
CIE LCh	48, 33.953, 272.727
Yxy	17.1182, 0.2203, 0.2278
Android (android.graphics.Color)	4283004332 (0xFF4975AC)
YUV	110.1140, 30.5098, -32.5490
Hunter-Lab	41.3734, -0.9778, -30.4544

Details

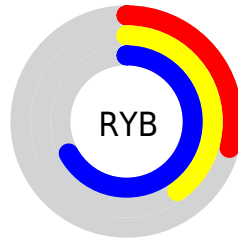
The HunterLab color $41.3734, -0.9778, -30.4544$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49.6902, 6.2104, 23.2055$, and the grayscale version is $39.4311, -2.1039, 2.1424$.

A 20% lighter version of the original color is $62.1647, -1.8433, -31.7313$, and $23.6393, -0.1562, -29.2098$ is the 20% darker color. If you saturate the color by 10%, you get $37.9767, 1.0868, -37.5144$, and if you desaturate by 10%, it is $44.9746, -2.4425, -23.7828$.

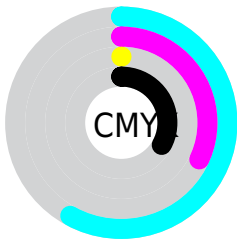
Distribution



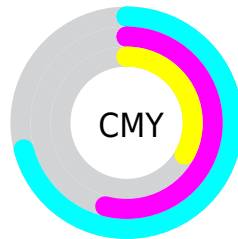
- Red (29%)
- Green (46%)
- Blue (67%)



- Red (29%)
- Yellow (40%)
- Blue (67%)



- Cyan (58%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3734, -0.9778, -30.4544 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 41.3734, -0.9778, -30.4544 by changing the saturation by 10% instead.

■ 41.3734, -0.9778,
-30.4544

■ 41.3734, -0.9778,
-30.4544

■ 153.5749, -6.3012,
-34.5619

■ 32.1229, -0.5820,
-29.8542

■ 62.0716, -1.9066,
-31.6709

■ 23.6872, -0.2393,
-29.3597

■ 73.4227, -2.4325,
-32.2322

■ 16.1552, 0.0423,
-29.1802

■ 85.3920, -2.9955,
-32.7472

■ 9.6522, 0.2503,
-29.9404

■ 97.9492, -3.5935,
-33.2119

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.0679, -4.2245,
-33.6253

0.0000, NaN, NaN

124.7250, -4.8870,

0.0000, NaN, NaN

-33.9875

0.0000, NaN, NaN

138.9001, -5.5797,
-34.2992

■ 41.3734, -0.9778,
-30.4544

■ 41.3734, -0.9778,
-30.4544

■ 37.9767, 1.0868,
-37.5144

■ 44.9746, -2.4425,
-23.7828

■ 34.8095, 3.8265,
-44.9622

■ 48.7542, -3.3864,
-17.4816

■ 31.9013, 7.2976,
-52.7540

■ 52.6923, -3.8825,
-11.5164

■ 29.2673, 11.4740,
-60.8322

■ 56.7712, -3.9951,
-5.8495

■ 28.6508, 12.5463,
-62.8948

■ 60.9764, -3.7794,
-0.4434

■ 65.2954, -3.2816,
4.7369

■ 69.7177, -2.5404,
9.7229

■ 74.2344, -1.5880,
14.5424

■ 78.8381, -0.4512,
19.2193

Harmonies

Analogous

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



41.3741, -13.3623, -25.9770



41.3734, -0.9778, -30.4544



41.3741, 12.6544, -24.1136

Triad

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



41.3741, -0.9776, -30.4535



41.3741, 21.7615, 13.4283



41.3741, -22.7026, 11.9791

Complementary

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



41.3734, -0.9778, -30.4544



49.6902, 6.2104, 23.2055

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.



41.3741, -15.2329, 18.0156



41.3734, -0.9778, -30.4544



41.3741, 10.2653, 18.6460

Square

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



41.3741, -0.9776, -30.4535



41.3741, 26.7855, 3.4006



41.3741, -3.4278, 20.0107



41.3741, -24.9201, 1.0697

Rectangle

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



41.3734, -0.9778, -30.4544



41.3741, 20.3431, -15.5019



41.3741, -3.4278, 20.0107



41.3741, -20.7739, 14.5115

Sweetspot

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



41.3741, -0.9776, -30.4535



76.6052, -5.3789, -7.6918



56.9790, -32.7950, 13.4818



35.2125, -2.5119, -4.2557



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



41.3741, -0.9776, -30.4535



49.9751, 2.3600, -53.1675



30.5975, 22.1042, -56.3892



28.8465, -1.8386, -0.6582



24.9295, 10.3646, -53.5339



5.3205, -0.4249, -5.7329

Inverse Universe

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



38.4978, 37.4501, -1.5421



46.9928, 60.7459, -0.4981



61.8122, -16.0438, 31.7606



28.4118, 1.4675, 0.9232



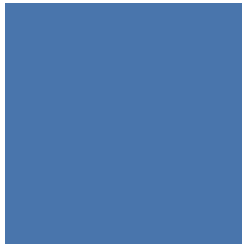
26.3257, 46.6167, 5.1263



4.5158, 8.2283, -0.9189

Previews

White Background



This preview shows how the HunterLab color 41.3734, -0.9778, -30.4544 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 × Fail

Black Background



This preview shows how the HunterLab color 41.3734, -0.9778, -30.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

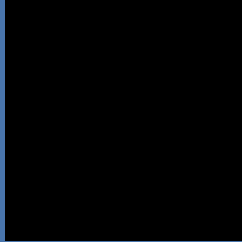
Any Text WCAG AA × Fail

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 41.3734, -0.9778, -30.4544 Background



This preview shows how black text looks on a background with the HunterLab color 41.3734, -0.9778, -30.4544.

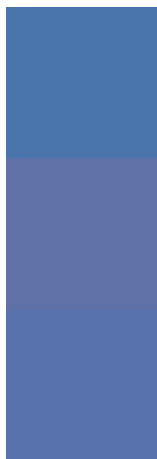


This preview shows how white text looks on a background with the HunterLab color 41.3734, -0.9778, -30.4544.

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

41.3734, -0.9778, -30.4544

Protanopia

41.3814, 4.3500, -27.5029

Deuteranopia

41.3255, 3.2287, -31.2002



Tritanopia

41.2748, -14.9045, -7.2261

Trichromacy



Original Color

41.3734, -0.9778, -30.4544

Protanomaly

41.1994, 2.4356, -28.5887

Deuteranomaly

41.3188, 1.7952, -31.2387

Tritanomaly

41.0726, -10.0230, -15.3103

Monochromacy



Original Color

41.3734, -0.9778, -30.4544

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0563, -2.9498, -8.2144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3734, -0.9778, -30.4544 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(73, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(73, 117, 172)  
}
```

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(73, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 117, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3734, -0.9778, -30.4544 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(73, 117, 172) }
```


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

```
.border{ border-color:rgb(73, 117, 172) }
```

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

Here you see how a box with a 4 pixel rgb(73, 117, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(73, 117,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3734, -0.9778, -30.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 117, 172) }
```

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

```
.background{ background-color: rgb(73, 117,  
172) }
```

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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