

Converting Colors

HunterLab(35.4725, -4.1872,
-21.5178)

Have a look what the booklet for
HunterLab(35.4725, -4.1872,
-21.5178) contains.

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Color

**HunterLab(35.4310, -4.0901,
-21.7251)**

Conversions

Conversions Part 1

Format	Color
Hex	39678F
RGB	57, 103, 143
RGB Percent	22%, 40%, 56%
CMY	0.7765, 0.5961, 0.4392
CMYK	0.60, 0.28, 0.00, 0.44
HSL	208°, 43%, 39%
HSV	208°, 60%, 56%
XYZ	11.4956, 12.5536, 27.8039
YIQ	93.8060, -40.2560, 2.6880

Conversions

Conversions Part 2

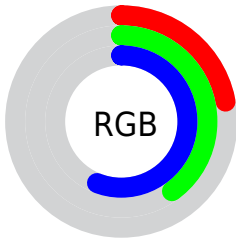
Format	Color
R_{YB}	57, 87, 143
Decimal	3762063
CIE _{Lab}	42.08, -3.09, -26.74
CIE _{LCh}	42, 26.920, 263.411
Yxy	12.5540, 0.2217, 0.2421
Android (android.graphics.Color)	4281952143 (0xFF39678F)
YUV	93.8060, 24.2526, -32.2789
Hunter-Lab	35.4310, -4.0901, -21.7251

Details

The HunterLab color **35.4310, -4.0901, -21.7251** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38.3213, 9.0561, 17.7821**, and the grayscale version is **33.3086, -1.7773, 1.8097**.

A 20% lighter version of the original color is **55.2467, -5.6034, -22.7447**, and **18.9764, -1.7355, -19.9724** is the 20% darker color. If you saturate the color by 10%, you get **33.0458, -2.9671, -26.3145**, and if you desaturate by 10%, it is **37.9624, -4.7556, -17.2775**.

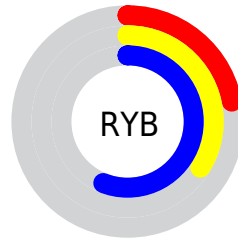
Distribution



Red (22%)

Green (40%)

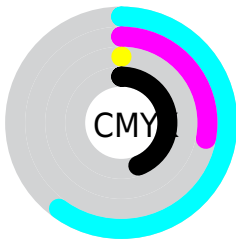
Blue (56%)



Red (22%)

Yellow (34%)

Blue (56%)

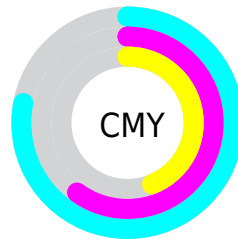


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4310, -4.0901, -21.7251 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 35.4310, -4.0901, -21.7251 by changing the saturation by 10% instead.

■ 35.4310, -4.0901,
-21.7251

■ 35.4310, -4.0901,
-21.7251

■ 144.2356,
-11.2391, -24.5789

■ 26.6874, -3.4197,
-21.1760

■ 55.2270, -5.5058,
-22.7396

■ 18.8112, -2.7726,
-20.6772

■ 66.1689, -6.2518,
-23.1705

■ 11.9121, -2.1442,
-20.4259

■ 77.7511, -7.0229,
-23.5438

■ 4.8026, -3.0590,
-29.2874

■ 89.9397, -7.8187,
-23.8595

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.7061, -8.6387,
-24.1188

0.0000, NaN, NaN

116.0252, -9.4825,

0.0000, NaN, NaN

-24.3237

0.0000, NaN, NaN

129.8749,
-10.3494, -24.4763

■ 35.4310, -4.0901,
-21.7251

■ 35.4310, -4.0901,
-21.7251

■ 33.0458, -2.9671,
-26.3145

■ 37.9624, -4.7556,
-17.2775

■ 30.8179, -1.3460,
-31.0294

■ 40.6251, -5.0107,
-12.9811

■ 28.7597, 0.7982,
-35.8382

■ 43.4074, -4.9022,
-8.8338

■ 26.8691, 3.3098,
-40.7289

■ 46.2982, -4.4739,
-4.8287

■ 49.2878, -3.7653,
-0.9556

■ 52.3672, -2.8111,
2.7970

■ 55.5290, -1.6412,
6.4410

■ 58.7665, -0.2816,
9.9883

■ 62.0737, 1.2458,
13.4498

Harmonies

Analogous

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



35.4316, -12.7257, -16.3091



35.4310, -4.0901, -21.7251



35.4316, 6.1460, -19.5179

Triad

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



35.4316, -4.0900, -21.7244



35.4316, 17.7157, 8.5029



35.4316, -16.1566, 11.2560

Complementary

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



35.4310, -4.0901, -21.7251



38.3213, 9.0561, 17.7821

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.



35.4316, -9.2726, 15.0238



35.4310, -4.0901, -21.7251



35.4316, 10.4224, 13.7728

Square

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



35.4316, -4.0900, -21.7244



35.4316, 19.5012, -0.2538



35.4316, 0.3600, 15.7952



35.4316, -19.1710, 3.9805

Rectangle

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



35.4310, -4.0901, -21.7251



35.4316, 12.4426, -14.2582



35.4316, 0.3600, 15.7952



35.4316, -14.2580, 12.8822

Sweetspot

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



35.4316, -4.0900, -21.7244



62.6505, -5.8463, -5.5391



46.2106, -28.3049, 13.8726



29.5014, -2.8993, -3.3204



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



35.4316, -4.0900, -21.7244



43.1886, -3.3132, -37.3335



24.9465, 15.9520, -46.1116



23.8802, -1.7744, -0.2845



25.3487, 2.9590, -38.0713



3.2495, -0.9446, -2.0225

Inverse Universe

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



31.2181, 32.5048, -4.5660



37.9147, 52.0337, -5.4470



49.5115, -10.0132, 25.6974



23.3865, 1.2199, 0.5352



23.7381, 42.6391, -0.0625



2.4152, 4.5074, -1.3173

Previews

White Background



This preview shows how the HunterLab color 35.4310, -4.0901, -21.7251 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 35.4310, -4.0901, -21.7251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

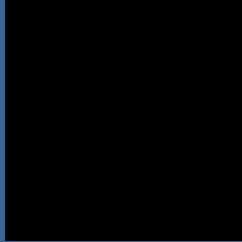
Any Text WCAG AA × Fail

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 35.4310, -4.0901, -21.7251 Background



This preview shows how black text looks on a background with the HunterLab color 35.4310, -4.0901, -21.7251.

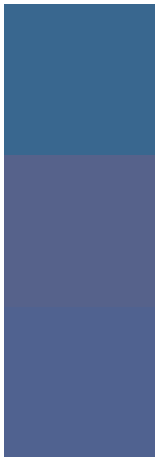


This preview shows how white text looks on a background with the HunterLab color 35.4310, -4.0901, -21.7251.

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

35.4310, -4.0901, -21.7251

Protanopia

35.4653, 2.6896, -18.9343

Deuteranopia

35.2909, 2.5277, -22.5384



Tritanopia

35.4505, -13.4204, -6.5376

Trichromacy



Original Color

35.4310, -4.0901, -21.7251

Protanomaly

35.3605, -0.3333, -19.8181

Deuteranomaly

35.3634, 0.0163, -22.4468

Tritanomaly

35.3092, -10.2946, -11.5674

Monochromacy



Original Color

35.4310, -4.0901, -21.7251

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.8653, -3.4315, -6.0303

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4310, -4.0901, -21.7251 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(57, 103, 143)` looks like.

```
.text, #text, p{  
    color:rgb(57, 103, 143)  
}
```

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(57, 103, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 103, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4310, -4.0901, -21.7251 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(57, 103, 143) }
```


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

```
.border{ border-color:rgb(57, 103, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 103, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 103, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 103, 143);  
box-shadow:4px 4px 4px 4px rgb(57, 103,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4310, -4.0901, -21.7251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 103, 143) }
```

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

```
.background{ background-color: rgb(57, 103,  
143) }
```

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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