

Converting Colors

HunterLab(35.4902, -6.7691,
-20.0974)

Have a look what the booklet for
HunterLab(35.4902, -6.7691,
-20.0974) contains.

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Color

**HunterLab(35.5395, -6.7872,
-20.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	2F698D
RGB	47, 105, 141
RGB Percent	18%, 41%, 55%
CMY	0.8157, 0.5882, 0.4471
CMYK	0.67, 0.26, 0.00, 0.45
HSL	203°, 50%, 37%
HSV	203°, 67%, 55%
XYZ	11.0316, 12.6306, 27.0558
YIQ	91.7620, -46.1240, -1.1000

Conversions

Conversions Part 2

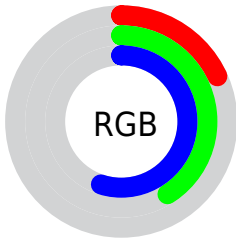
Format	Color
R_{YB}	47, 83, 141
Decimal	3107213
CIE _{Lab}	42.20, -6.97, -25.39
CIE _{LCh}	42, 26.329, 254.645
Yxy	12.6310, 0.2175, 0.2490
Android (android.graphics.Color)	4281297293 (0xFF2F698D)
YUV	91.7620, 24.2743, -39.2563
Hunter-Lab	35.5395, -6.7872, -20.2591

Details

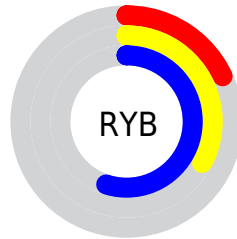
The HunterLab color **35.5395, -6.7872, -20.2591** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.7206, 14.2537, 17.0509**, and the grayscale version is **32.5524, -1.7369, 1.7686**.

A 20% lighter version of the original color is **55.3178, -8.6101, -21.4012**, and **19.4459, -2.8081, -18.2439** is the 20% darker color. If you saturate the color by 10%, you get **33.5900, -5.9025, -23.8851**, and if you desaturate by 10%, it is **37.6261, -7.2185, -16.6499**.

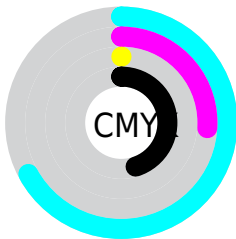
Distribution



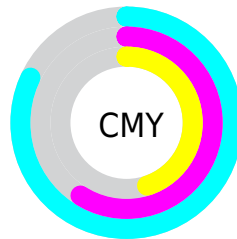
- Red (18%)
- Green (41%)
- Blue (55%)



- Red (18%)
- Yellow (33%)
- Blue (55%)



- Cyan (67%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5395, -6.7872, -20.2591 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 35.5395, -6.7872, -20.2591 by changing the saturation by 10% instead.

■ 35.5395, -6.7872,
-20.2591

■ 35.5395, -6.7872,
-20.2591

144.4088,
-15.6479, -22.7819

■ 26.7861, -5.8539,
-19.7253

■ 55.3527, -8.6641,
-21.2136

■ 18.8991, -4.9123,
-19.2179

■ 66.3025, -9.6172,
-21.6080

■ 11.9876, -3.9428,
-18.9017

■ 77.8920, -10.5834,
-21.9431

■ 4.9373, -6.4171,
-26.4506

■ 90.0877, -11.5643,
-22.2196

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.8608,
-12.5606, -22.4394

0.0000, NaN, NaN

■ 116.1863,

0.0000, NaN, NaN

-13.5731, -22.6048

0.0000, NaN, NaN

130.0421,
-14.6021, -22.7182

■ 35.5395, -6.7872,
-20.2591

■ 35.5395, -6.7872,
-20.2591

■ 33.5900, -5.9025,
-23.8851

■ 37.6261, -7.2185,
-16.6499

■ 31.7818, -4.5472,
-27.5064

■ 39.8401, -7.2273,
-13.0791

■ 30.1084, -2.7562,
-31.1190

■ 42.1734, -6.8496,
-9.5599

■ 29.5624, -2.1260,
-32.3609

■ 44.6171, -6.1233,
-6.1011

■ 47.1627, -5.0851,
-2.7068

■ 49.8024, -3.7692,
0.6219

■ 52.5289, -2.2068,
3.8864

■ 55.3354, -0.4254,
7.0896

■ 58.2162, 1.5507,
10.2354

Harmonies

Analogous

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



35.5401, -14.4220, -13.2399



35.5395, -6.7872, -20.2591



35.5401, 3.0301, -20.3494

Triad

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



35.5401, -6.7871, -20.2584



35.5401, 18.3981, 6.2043



35.5401, -14.2794, 12.5343

Complementary

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



35.5395, -6.7872, -20.2591



34.7206, 14.2537, 17.0509

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.



35.5401, -6.5719, 15.3473



35.5395, -6.7872, -20.2591



35.5401, 12.6428, 12.4292

Square

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



35.5401, -6.7871, -20.2584



35.5401, 18.3242, -3.1877



35.5401, 3.2700, 15.3150



35.5401, -18.4151, 6.3922

Rectangle

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



35.5395, -6.7872, -20.2591



35.5401, 9.5511, -16.3610



35.5401, 3.2700, 15.3150



35.5401, -12.0597, 13.8158

Sweetspot

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



35.5401, -6.7871, -20.2584



61.8158, -7.3741, -5.3224



45.0062, -30.3725, 16.8235



28.8180, -3.6469, -3.0438



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.



35.5401, -6.7871, -20.2584



43.7042, -7.0618, -34.4147



23.8978, 14.7365, -47.5357



24.0292, -2.0182, -0.1041



28.2838, -2.1206, -30.7746



3.4530, -1.2276, -1.6658

Inverse Universe

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



29.5231, 36.3125, -8.0126



36.0391, 56.6830, -10.0284



46.2912, -6.6725, 24.9624



23.4019, 1.3027, 0.3160



24.0705, 43.8411, -4.7526



2.4435, 4.6080, -1.7024

Previews

White Background



This preview shows how the HunterLab color 35.5395, -6.7872, -20.2591 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 35.5395, -6.7872, -20.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

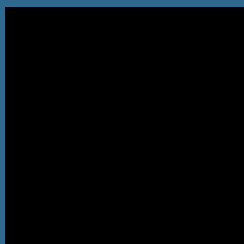
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

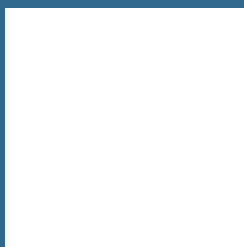
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 35.5395, -6.7872, -20.2591 Background



This preview shows how black text looks on a background with the HunterLab color 35.5395, -6.7872, -20.2591.

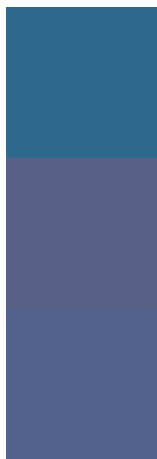


This preview shows how white text looks on a background with the HunterLab color 35.5395, -6.7872, -20.2591.

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

35.5395, -6.7872, -20.2591

Protanopia

35.4392, 2.2780, -16.4708

Deuteranopia

35.3728, 2.7161, -21.7132



Tritanopia

35.4522, -14.8849, -7.0791

Trichromacy



Original Color

35.5395, -6.7872, -20.2591

Protanomaly

35.3977, -1.8537, -17.8619

Deuteranomaly

35.3915, -1.4604, -21.0895

Tritanomaly

35.5578, -12.3886, -11.2191

Monochromacy



Original Color

35.5395, -6.7872, -20.2591

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.4838, -4.9161, -5.5747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5395, -6.7872, -20.2591 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(47, 105, 141)` looks like.

```
.text, #text, p{  
    color:rgb(47, 105, 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(47, 105, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 105, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5395, -6.7872, -20.2591 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(47, 105, 141) }
```


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

```
.border{ border-color:rgb(47, 105, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 105, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 105, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 105, 141);  
box-shadow:4px 4px 4px 4px rgb(47, 105,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5395, -6.7872, -20.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 105, 141) }
```

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

```
.background{ background-color: rgb(47, 105,  
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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