

Converting Colors

HunterLab(35.7028, -1.9657,
-11.6626)

Have a look what the booklet for
HunterLab(35.7028, -1.9657,
-11.6626) contains.

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Color

**HunterLab(35.6439, -1.6952,
-12.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	536580
RGB	83, 101, 128
RGB Percent	33%, 40%, 50%
CMY	0.6745, 0.6039, 0.4980
CMYK	0.35, 0.21, 0.00, 0.50
HSL	216°, 21%, 41%
HSV	216°, 35%, 50%
XYZ	12.1173, 12.7049, 22.2357
YIQ	98.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

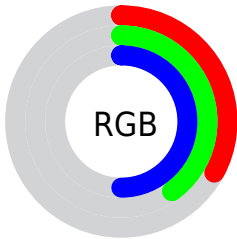
Format	Color
R_{YB}	83, 96, 128
Decimal	5465472
CIE _{Lab}	42.32, 0.29, -17.23
CIE _{LCh}	42, 17.235, 270.958
Yxy	12.7054, 0.2575, 0.2700
Android (android.graphics.Color)	4283655552 (0xFF536580)
YUV	98.6960, 14.4469, -13.7654
Hunter-Lab	35.6439, -1.6952, -12.0361

Details

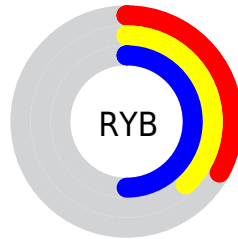
The HunterLab color **35.6439, -1.6952, -12.0361** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.4547, -0.0235, 12.9331**, and the grayscale version is **35.1626, -1.8762, 1.9104**.

A 20% lighter version of the original color is **55.5527, -2.7493, -12.4739**, and **18.8684, -0.6317, -11.6284** is the 20% darker color. If you saturate the color by 10%, you get **32.7925, -0.8887, -16.7331**, and if you desaturate by 10%, it is **38.6059, -2.2088, -7.6140**.

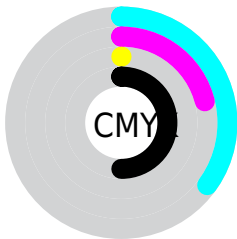
Distribution



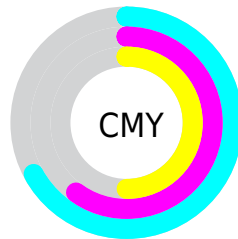
- Red (33%)
- Green (40%)
- Blue (50%)



- Red (33%)
- Yellow (38%)
- Blue (50%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6439, -1.6952, -12.0361 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 35.6439, -1.6952, -12.0361 by changing the saturation by 10% instead.

■ 35.6439, -1.6952,
-12.0361

■ 35.6439, -1.6952,
-12.0361

■ 144.5755, -7.3900,
-12.2997

■ 26.8812, -1.2461,
-11.6880

■ 55.4738, -2.7216,
-12.5162

■ 18.9837, -0.8450,
-11.2767

■ 66.4311, -3.2919,
-12.6546

■ 12.0603, -0.4988,
-10.8409

■ 78.0277, -3.8972,
-12.7303

■ 5.0635, -0.0224,
-14.9901

■ 90.2301, -4.5356,
-12.7475

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.0096, -5.2053,
-12.7098

0.0000, NaN, NaN

116.3413, -5.9051,

0.0000, NaN, NaN

-12.6207

0.0000, NaN, NaN

130.2031, -6.6337,
-12.4831

■ 35.6439, -1.6952,
-12.0361

■ 35.6439, -1.6952,
-12.0361

■ 32.7925, -0.8887,
-16.7331

■ 38.6059, -2.2088,
-7.6140

■ 30.0646, 0.2635,
-21.7442

■ 41.6641, -2.4729,
-3.4320

■ 27.4788, 1.8189,
-27.1003

■ 44.8089, -2.5248,
0.5446

■ 25.0563, 3.8373,
-32.8180

■ 48.0319, -2.3954,
4.3461

■ 22.8213, 6.3706,
-38.8834

■ 51.3260, -2.1101,
7.9988

■ 20.7932, 9.4230,
-45.2548

■ 54.6851, -1.6899,
11.5251

■ 19.8591, 10.9881,
-48.5421

■ 58.1041, -1.1523,
14.9442

■ 61.5787, -0.5115,
18.2723

■ 65.1051, 0.2201,
21.5232

Harmonies

Analogous

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



35.6446, -7.7438, -10.0333



35.6439, -1.6952, -12.0361



35.6446, 4.7237, -9.7723

Triad

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



35.6446, -1.6955, -12.0354



35.6446, 9.4033, 7.5065



35.6446, -12.1405, 7.2200

Complementary

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



35.6439, -1.6952, -12.0361



40.4547, -0.0235, 12.9331

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.



35.6446, -8.0799, 10.6694



35.6439, -1.6952, -12.0361



35.6446, 4.3382, 10.8129

Square

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



35.6446, -1.6955, -12.0354



35.6446, 11.4063, 2.1376



35.6446, -2.1116, 11.8600



35.6446, -13.5085, 1.7418

Rectangle

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



35.6439, -1.6952, -12.0361



35.6446, 8.2816, -6.3473



35.6446, -2.1116, 11.8600



35.6446, -11.0601, 8.6181

Sweetspot

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



35.6446, -1.6955, -12.0354



56.8988, -3.3392, -2.4651



42.8802, -16.5096, 6.0306



27.3081, -1.6098, -1.4785



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



35.6446, -1.6955, -12.0354



44.3270, -1.4501, -20.8049



31.2405, 7.5923, -19.3754



21.1474, -1.2271, -0.4853



19.7816, 10.9267, -48.3130

0.0000, NaN, NaN

Inverse Universe

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



34.2282, 14.9079, 0.0247



42.3381, 25.0095, -0.1689



45.1297, -9.2489, 16.8948



20.9059, 0.9276, 0.8038



21.8850, 38.5709, 5.6753

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 35.6439, -1.6952, -12.0361 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 35.6439, -1.6952, -12.0361 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

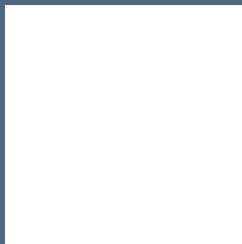
Any Text WCAG AAA × Fail

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

HunterLab 35.6439, -1.6952, -12.0361 Background



This preview shows how black text looks on a background with the HunterLab color 35.6439, -1.6952, -12.0361.



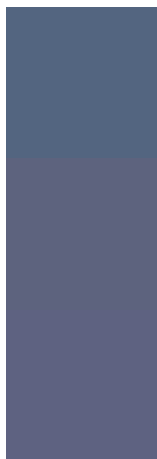
This preview shows how white text looks on a background with the HunterLab color 35.6439, -1.6952, -12.0361.

-12.0361.

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

35.6439, -1.6952, -12.0361

Protanopia

35.7172, 1.1738, -10.7365

Deuteranopia

35.6371, 2.4805, -12.5507



Tritanopia

35.6830, -6.9218, -3.6042

Trichromacy



Original Color

35.6439, -1.6952, -12.0361

Protanomaly

35.7358, -0.0616, -11.2937

Deuteranomaly

35.6122, 1.0380, -12.6154

Tritanomaly

35.6567, -5.1871, -6.6190

Monochromacy



Original Color

35.6439, -1.6952, -12.0361

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.4504, -2.1904, -2.8662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6439, -1.6952, -12.0361 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(83, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 128)  
}
```

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(83, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6439, -1.6952, -12.0361 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(83, 101, 128) }
```


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

```
.border{ border-color:rgb(83, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(83, 101,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6439, -1.6952, -12.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 128) }
```

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

```
.background{ background-color: rgb(83, 101,  
128) }
```

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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