

Converting Colors

HunterLab(35.6936, 23.2695,
-39.4061)

Have a look what the booklet for
HunterLab(35.6936, 23.2695,
-39.4061) contains.

HunterLab(35.6069, 23.1521, -39.3398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(35.6069, 23.1521,
-39.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	7154A8
RGB	113, 84, 168
RGB Percent	44%, 33%, 66%
CMY	0.5569, 0.6706, 0.3412
CMYK	0.33, 0.50, 0.00, 0.34
HSL	261°, 33%, 49%
HSV	261°, 50%, 66%
XYZ	17.0483, 12.6785, 38.5944
YIQ	102.2470, -9.6800, 32.2720

Conversions

Conversions Part 2

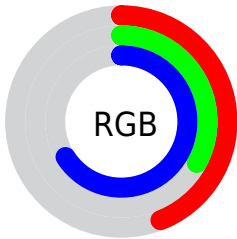
Format	Color
R_{YB}	113, 84, 168
Decimal	7427240
CIE _{Lab}	42.28, 30.79, -41.07
CIE _{LCh}	42, 51.330, 306.865
Yxy	12.6790, 0.2495, 0.1856
Android (android.graphics.Color)	4285617320 (0xFF7154A8)
YUV	102.2470, 32.4162, 9.4304
Hunter-Lab	35.6069, 23.1521, -39.3398

Details

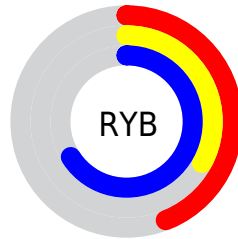
The HunterLab color $35.6069, 23.1521, -39.3398$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $58.4248, -22.0426, 27.1031$, and the grayscale version is $36.4292, -1.9438, 1.9793$.

A 20% lighter version of the original color is $55.3602, 25.3737, -40.9701$, and $19.0161, 20.3399, -38.4972$ is the 20% darker color. If you saturate the color by 10%, you get $31.1295, 29.0516, -50.8683$, and if you desaturate by 10%, it is $40.4739, 17.4414, -29.0233$.

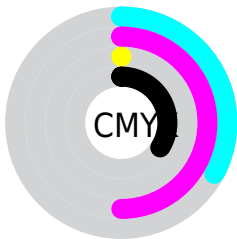
Distribution



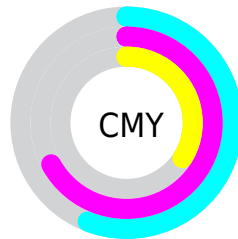
- Red (44%)
- Green (33%)
- Blue (66%)



- Red (44%)
- Yellow (33%)
- Blue (66%)



- Cyan (33%)
- Magenta (50%)
- Yellow (0%)
- Black (34%)



- Cyan (56%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6069, 23.1521, -39.3398 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 35.6069, 23.1521, -39.3398 by changing the saturation by 10% instead.

35.6069, 23.1521,
-39.3398

35.6069, 23.1521,
-39.3398

144.5164, 29.4574,
-44.7036

26.8475, 21.9290,
-38.9326

55.4309, 25.2116,
-40.5987

18.9537, 20.5645,
-38.9759

66.3855, 26.0731,
-41.2801

12.0345, 19.0737,
-40.1622

77.9796, 26.8367,
-41.9470

5.0191, 26.7875,
-57.9501

90.1796, 27.5114,
-42.5836

0.0000, NaN, -NF

0.0000, NaN, -NF

102.9569, 28.1048,
-43.1810

0.0000, NaN, NaN

116.2863, 28.6234,

0.0000, NaN, NaN

-43.7347

0.0000, NaN, NaN

130.1460, 29.0726,
-44.2425

■ 35.6069, 23.1521,
-39.3398

■ 35.6069, 23.1521,
-39.3398

■ 31.1295, 29.0516,
-50.8683

■ 40.4739, 17.4414,
-29.0233

■ 27.1425, 34.9715,
-63.5858

■ 45.6526, 11.9594,
-19.7722

■ 23.7785, 40.4902,
-77.0104

■ 51.0880, 6.6909,
-11.3962

■ 21.1832, 44.8332,
-89.8509

■ 56.7395, 1.6030,
-3.7205

■ 19.3050, 47.7043,
-101.0455

■ 62.5765, -3.3394,
3.4005

■ 19.3049, 47.7046,
-101.0467

■ 68.5757, -8.1679,
10.0833

■ 74.7189, -12.9091,
16.4191

■ 80.9917, -17.5849,
22.4793

■ 87.3824, -22.2126,
28.3196

Harmonies

Analogous

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



35.6076, 2.6338, -53.7811



35.6069, 23.1521, -39.3398



35.6076, 38.9559, -14.8685

Triad

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



35.6076, 23.1519, -39.3386



35.6076, 13.8492, 21.4990



35.6076, -31.7162, -2.5351

Complementary

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



35.6069, 23.1521, -39.3398



58.4248, -22.0426, 27.1031

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.



35.6076, -29.9598, 13.1879



35.6069, 23.1521, -39.3398



35.6076, -6.2212, 22.1745

Square

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



35.6076, 23.1519, -39.3386



35.6076, 32.8369, 17.2580



35.6076, -21.5078, 20.1737



35.6076, -26.9519, -26.3374

Rectangle

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



35.6069, 23.1521, -39.3398



35.6076, 43.1369, -0.0431



35.6076, -21.5078, 20.1737



35.6076, -31.8494, 3.8118

Sweetspot

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



35.6076, 23.1519, -39.3386



72.3826, 5.7483, -10.3629



48.4443, -10.7071, -15.6761



33.0791, 3.3311, -5.8206



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



35.6076, 23.1519, -39.3386



41.3067, 40.0193, -70.3385



40.0477, 34.9498, -29.5569



27.2429, 0.5943, -1.5239



16.8535, 41.5294, -87.3050



3.1208, 7.0088, -10.8855

Inverse Universe

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



40.6570, 34.1284, -9.9703



50.0911, 56.2992, -15.4693



55.8948, -31.9015, 24.9863



27.6079, 1.6663, 0.2195



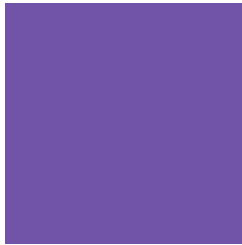
26.7332, 48.9984, -7.6635



4.2772, 8.0259, -2.6710

Previews

White Background



This preview shows how the HunterLab color 35.6069, 23.1521, -39.3398 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 35.6069, 23.1521, -39.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

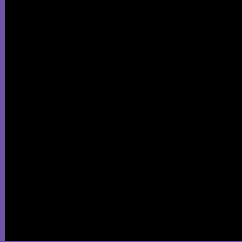
Any Text WCAG AA × Fail

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 35.6069, 23.1521, -39.3398 Background



This preview shows how black text looks on a background with the HunterLab color 35.6069, 23.1521, -39.3398.



This preview shows how white text looks on a background with the HunterLab color 35.6069, 23.1521, -39.3398.

-39.3398.

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

35.6069, 23.1521, -39.3398

Protanopia

35.7986, 9.2480, -50.1822

Deuteranopia

35.6714, 2.9356, -36.3448



Tritanopia

35.7098, -0.0968, -1.0925

Trichromacy



Original Color

35.6069, 23.1521, -39.3398

Protanomaly

35.2862, 13.5625, -47.0349

Deuteranomaly

35.1913, 9.5218, -38.1226

Tritanomaly

35.4875, 7.2639, -12.7047

Monochromacy



Original Color

35.6069, 23.1521, -39.3398

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

35.7141, 6.4830, -10.6484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6069, 23.1521, -39.3398 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(113, 84, 168)` looks like.

```
.text, #text, p{  
    color:rgb(113, 84, 168)  
}
```

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(113, 84, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 84, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6069, 23.1521, -39.3398 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(113, 84, 168) }
```


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

```
.border{ border-color:rgb(113, 84, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 84, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 84, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 84, 168); box-shadow:4px 4px 4px 4px rgb(113, 84, 168) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6069, 23.1521, -39.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 84, 168) }
```

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

```
.background{ background-color: rgb(113, 84,  
168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor