

Converting Colors

HunterLab(35.4968, 19.9369,
-43.8133)

Have a look what the booklet for
HunterLab(35.4968, 19.9369,
-43.8133) contains.

HunterLab(35.4968, 19.9369, -43.8133)	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(35.4968, 19.9369,
-43.8133)**

Conversions

Conversions Part 1	
Format	Color
Hex	6557AD
RGB	101, 87, 173
RGB Percent	40%, 34%, 68%
CMY	0.6039, 0.6588, 0.3216
CMYK	0.42, 0.50, 0.00, 0.32
HSL	250°, 34%, 51%
HSV	250°, 50%, 68%
XYZ	16.3178, 12.6002, 41.1072
YIQ	100.9900, -19.2620, 29.7140

Conversions

Conversions Part 2

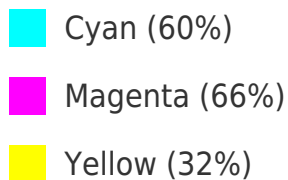
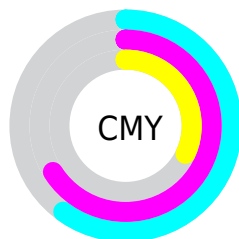
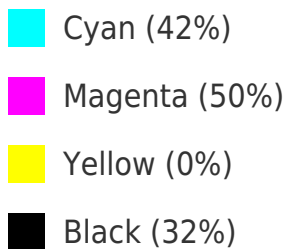
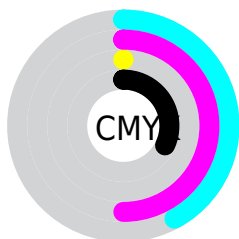
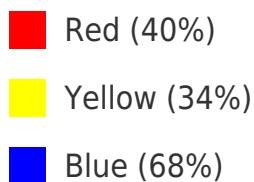
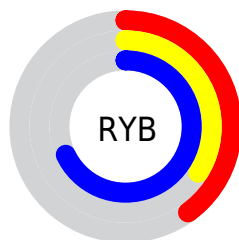
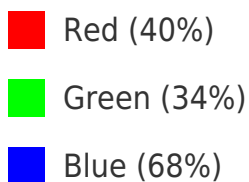
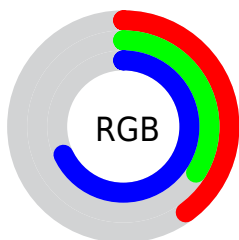
Format	Color
RYB	101, 87, 173
Decimal	6641581
CIELab	42.16, 27.23, -44.28
CIELCh	42, 51.983, 301.585
Yxy	12.6007, 0.2330, 0.1799
Android (android.graphics.Color)	4284831661 (0xFF6557AD)
YUV	100.9900, 35.5009, 0.0088
Hunter-Lab	35.4968, 19.9369, -43.8133

Details

The HunterLab color **35.4968, 19.9369, -43.8133** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **61.6006, -18.0827, 28.9625**, and the grayscale version is **35.9472, -1.9181, 1.9531**.

A 20% lighter version of the original color is **55.2422, 21.6086, -45.1421**, and **18.8316, 17.8073, -44.0298** is the 20% darker color. If you saturate the color by 10%, you get **30.5997, 25.7858, -57.2971**, and if you desaturate by 10%, it is **40.8124, 14.5559, -32.0317**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4968, 19.9369, -43.8133 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 35.4968, 19.9369, -43.8133 by changing the saturation by 10% instead.

 35.4968, 19.9369, -43.8133	 35.4968, 19.9369, -43.8133
---	---

144.3407, 24.9676, -49.4901	 26.7472, 18.8737, -43.5274
--------------------------------	---


 55.3032, 21.6842, -45.0206	 18.8645, 17.6647, -43.8345
---	---

 66.2499, 22.3956, -45.7237	 11.9578, 16.3084, -45.6056
---	---

 77.8365, 23.0136, -46.4291	 4.8847, 24.0632, -67.9162
---	--

 90.0295, 23.5471, -47.1153	0.0000, NaN, -NF
---	------------------

0.0000, NaN, -NF

 102.7999, 24.0035, -47.7701	0.0000, NaN, NaN
--	------------------

116.1229, 24.3890,	0.0000, NaN, NaN
--------------------	------------------

-48.3864

0.0000, NaN, NaN

129.9763, 24.7088,
-48.9604

■ 35.4968, 19.9369,
-43.8133

■ 35.4968, 19.9369,
-43.8133

■ 30.5997, 25.7858,
-57.2971

■ 40.8124, 14.5559,
-32.0317

■ 26.2454, 32.0396,
-72.5797

■ 46.4565, 9.5906,
-21.6629

■ 22.6084, 38.3299,
-89.0787

■ 52.3681, 4.9622,
-12.4054

■ 19.8958, 43.7311,
-104.7911

■ 58.5033, 0.5967,
-4.0072

■ 18.1197, 47.5270,
-117.3674

■ 64.8300, -3.5676,
3.7286

■ 18.0731, 47.6444,
-117.7278

■ 71.3243, -7.5786,
10.9522

■ 77.9675, -11.4738,
17.7778

■ 84.7449, -15.2818,
24.2918

■ 91.6450, -19.0244,
30.5606

Harmonies

Analogous

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



35.4974, -0.8533, -55.3491



35.4968, 19.9369, -43.8133



35.4974, 37.4335, -19.5558

Triad

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



35.4974, 19.9370, -43.8122



35.4974, 17.7499, 21.1586



35.4974, -32.1215, 0.9319

Complementary

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



35.4968, 19.9369, -43.8133



61.6006, -18.0827, 28.9625

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.



35.4974, -29.2044, 15.0522



35.4968, 19.9369, -43.8133



35.4974, -2.9267, 22.2859

Square

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



35.4974, 19.9370, -43.8122



35.4974, 35.9912, 15.9899



35.4974, -19.4659, 20.8590



35.4974, -28.5066, -22.2638

Rectangle

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



35.4968, 19.9369, -43.8133



35.4974, 43.2914, -3.6890



35.4974, -19.4659, 20.8590



35.4974, -31.8764, 6.7621

Sweetspot

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



35.4974, 19.9370, -43.8122



73.7002, 4.0040, -11.4777



54.9727, -18.0721, -9.0828



33.5825, 2.4251, -6.4311



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.



35.4974, 19.9370, -43.8122



40.1239, 35.6020, -79.2802



39.5785, 31.1386, -34.2923



27.9599, 0.2020, -1.7523



15.5462, 40.8806, -100.4745



2.9287, 7.1209, -14.4279

Inverse Universe

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



42.6663, 37.8735, -18.6264



52.4120, 62.2785, -30.1605



58.6212, -29.4657, 26.4862



28.5050, 1.9676, -0.4022



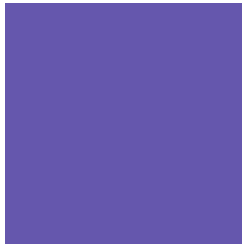
28.3408, 53.8454, -22.8562



4.7887, 9.1979, -4.6350

Previews

White Background



This preview shows how the HunterLab color 35.4968, 19.9369, -43.8133 looks on a white background.

Color Contrast Check

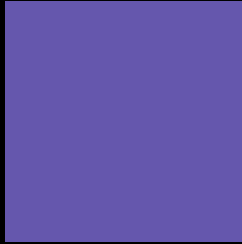
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4968, 19.9369, -43.8133 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 35.4968, 19.9369, -43.8133 Background



This preview shows how black text looks on a background with the HunterLab color 35.4968, 19.9369, -43.8133.



This preview shows how white text looks on a background with the HunterLab color 35.4968, 19.9369, -43.8133.

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

35.4968, 19.9369, -43.8133

Protanopia

35.7897, 9.4510, -51.9973

Deuteranopia

35.5260, 3.0733, -41.5246



Tritanopia

35.5063, -4.8070, -2.8387

Trichromacy



Original Color

35.4968, 19.9369, -43.8133

Protanomaly

35.3003, 12.6757, -49.6571

Deuteranomaly

35.0970, 8.5503, -43.3099

Tritanomaly

35.3086, 3.0341, -15.4517

Monochromacy



Original Color

35.4968, 19.9369, -43.8133

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.5876, 4.8354, -11.4382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4968, 19.9369, -43.8133 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(101, 87, 173)` looks like.

```
.text, #text, p{  
    color:rgb(101, 87, 173)  
}
```

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(101, 87, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 87, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4968, 19.9369, -43.8133 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(101, 87, 173) }
```


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

```
.border{ border-color:rgb(101, 87, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 87, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 87, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 87, 173);  
box-shadow:4px 4px 4px 4px rgb(101, 87,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4968, 19.9369, -43.8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 87, 173) }
```

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

```
.background{ background-color: rgb(101, 87,  
173) }
```

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