

Converting Colors

HunterLab(39.6020, 1.4621,
-47.3953)

Have a look what the booklet for
HunterLab(39.6020, 1.4621,
-47.3953) contains.

HunterLab(39.5443, 1.6978, -47.7872)	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(39.5443, 1.6978,
-47.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	2470BD
RGB	36, 112, 189
RGB Percent	14%, 44%, 74%
CMY	0.8588, 0.5608, 0.2588
CMYK	0.81, 0.41, 0.00, 0.26
HSL	210°, 68%, 44%
HSV	210°, 81%, 74%
XYZ	15.7070, 15.6375, 50.3346
YIQ	98.0540, -70.0130, 7.8350

Conversions

Conversions Part 2

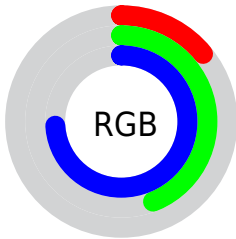
Format	Color
R_{YB}	36, 87, 189
Decimal	2388157
CIE _{Lab}	46.50, 5.01, -46.89
CIE _{LCh}	46, 47.159, 276.094
Yxy	15.6380, 0.1923, 0.1915
Android (android.graphics.Color)	4280578237 (0xFF2470BD)
YUV	98.0540, 44.8364, -54.4214
Hunter-Lab	39.5443, 1.6978, -47.7872

Details

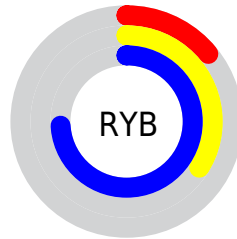
The HunterLab color **39.5443, 1.6978, -47.7872** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **47.7071, 18.3275, 27.6420**, and the grayscale version is **34.8266, -1.8583, 1.8922**.

A 20% lighter version of the original color is **59.9269, 1.3922, -49.3110**, and **23.5157, 6.3916, -43.1902** is the 20% darker color. If you saturate the color by 10%, you get **36.5970, 5.3034, -55.3541**, and if you desaturate by 10%, it is **42.7596, -1.1236, -40.4280**.

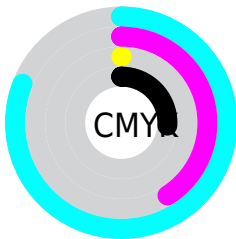
Distribution



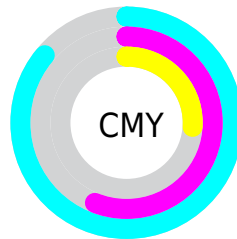
- Red (14%)
- Green (44%)
- Blue (74%)



- Red (14%)
- Yellow (34%)
- Blue (74%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (86%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.5443, 1.6978, -47.7872 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 39.5443, 1.6978, -47.7872 by changing the saturation by 10% instead.

■ 39.5443, 1.6978,
-47.7872

■ 39.5443, 1.6978,
-47.7872

■ 150.7302, -2.1627,
-53.6968

■ 30.4440, 1.8788,
-47.4492

■ 59.9738, 1.1554,
-49.0409

■ 22.1735, 1.9854,
-47.6196

■ 71.2028, 0.8053,
-49.7635

■ 14.8271, 2.0031,
-48.9537

■ 83.0564, 0.4089,
-50.4906

■ 8.4802, 2.1196,
-53.9135

■ 95.5033, -0.0301,
-51.2011

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.5164, -0.5090,
-51.8829

0.0000, NaN, -NF

122.0722, -1.0254,

0.0000, NaN, NaN

-52.5285

0.0000, NaN, NaN

136.1497, -1.5772,
-53.1339

■ 39.5443, 1.6978,
-47.7872

■ 39.5443, 1.6978,
-47.7872

■ 36.5970, 5.3034,
-55.3541

■ 42.7596, -1.1236,
-40.4280

■ 34.1428, 9.1398,
-62.4057

■ 46.2193, -3.1995,
-33.3355

■ 49.9003, -4.5947,
-26.5359

■ 53.7798, -5.3855,
-20.0327

■ 57.8372, -5.6472,
-13.8137

■ 62.0541, -5.4492,
-7.8579

■ 66.4147, -4.8530,
-2.1402

■ 70.9055, -3.9115,
3.3655

■ 75.5144, -2.6698,
8.6844

Harmonies

Analogous

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



39.5449, -15.4021, -42.3876



39.5443, 1.6978, -47.7872



39.5449, 20.8605, -35.6407

Triad

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



39.5449, 1.6986, -47.7862



39.5449, 30.5782, 17.2454



39.5449, -29.4449, 13.4691

Complementary

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



39.5443, 1.6978, -47.7872



47.7071, 18.3275, 27.6420

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.



39.5449, -20.8030, 20.7881



39.5443, 1.6978, -47.7872



39.5449, 13.2038, 22.1704

Square

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



39.5449, 1.6986, -47.7862



39.5449, 39.3780, 5.5482



39.5449, -5.7838, 23.0816



39.5449, -31.4040, -1.5739

Rectangle

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



39.5443, 1.6978, -47.7872



39.5449, 31.5873, -21.4820



39.5449, -5.7838, 23.0816



39.5449, -27.3133, 16.6571

Sweetspot

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



39.5449, 1.6986, -47.7862



81.0823, -7.4477, -13.2193



61.6051, -44.4158, 22.2872



36.6678, -3.4959, -7.4491



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



39.5449, 1.6986, -47.7862



46.2250, 11.4463, -81.9130



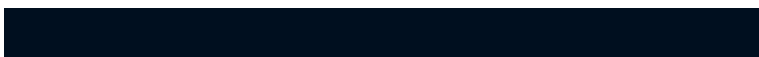
23.0479, 41.3322, -108.9245



31.6022, -2.2245, -0.5883



28.2772, 6.9622, -50.3734



6.6642, -0.5273, -7.1914

Inverse Universe

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



36.4024, 56.6399, -1.5452



45.8519, 80.8743, 4.4571



68.8054, -17.9284, 40.6445



31.0053, 1.7136, 0.8080



27.9944, 49.9333, 2.6483



5.6586, 10.3100, -1.1463

Previews

White Background



This preview shows how the HunterLab color 39.5443, 1.6978, -47.7872 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 39.5443, 1.6978, -47.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

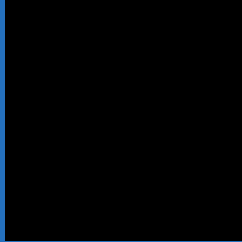
Any Text WCAG AA × Fail

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 39.5443, 1.6978, -47.7872 Background



This preview shows how black text looks on a background with the HunterLab color 39.5443, 1.6978, -47.7872.



This preview shows how white text looks on a background with the HunterLab color 39.5443, 1.6978, -47.7872.

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

39.5443, 1.6978, -47.7872

Protanopia

39.4384, 7.7898, -43.7352

Deuteranopia

39.5567, 3.1656, -47.7312



Tritanopia

39.4433, -18.9909, -8.3048

Trichromacy



Original Color

39.5443, 1.6978, -47.7872

Protanomaly

39.3784, 5.0571, -45.5906

Deuteranomaly

39.4418, 2.7808, -48.0189

Tritanomaly

39.1273, -12.3053, -21.1189

Monochromacy



Original Color

39.5443, 1.6978, -47.7872

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8260, -3.6608, -13.5244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.5443, 1.6978, -47.7872 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(36, 112, 189)` looks like.

```
.text, #text, p{  
    color:rgb(36, 112, 189)  
}
```

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(36, 112, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 112, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 39.5443, 1.6978, -47.7872 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(36, 112, 189) }
```


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

```
.border{ border-color:rgb(36, 112, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 112, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 112, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 112, 189);  
box-shadow:4px 4px 4px 4px rgb(36, 112,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.5443, 1.6978, -47.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 112, 189) }
```

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

```
.background{ background-color: rgb(36, 112,  
189) }
```

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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