

Converting Colors

HunterLab(44.2799, 0.7488,
-47.3195)

Have a look what the booklet for
HunterLab(44.2799, 0.7488,
-47.3195) contains.

HunterLab(44.3716, 0.6442, -47.3110)	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(44.3716, 0.6442,
-47.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	357DCA
RGB	53, 125, 202
RGB Percent	21%, 49%, 79%
CMY	0.7921, 0.5098, 0.2078
CMYK	0.74, 0.38, 0.00, 0.21
HSL	211°, 58%, 50%
HSV	211°, 74%, 79%
XYZ	19.4625, 19.6884, 58.6516
YIQ	112.2500, -67.6290, 8.6830

Conversions

Conversions Part 2

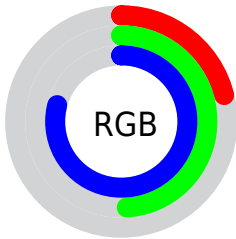
Format	Color
R_{YB}	53, 102, 202
Decimal	3505610
CIE _{Lab}	51.48, 3.83, -46.38
CIE _{LCh}	51, 46.538, 274.724
Yxy	19.6890, 0.1990, 0.2013
Android (android.graphics.Color)	4281695690 (0xFF357DCA)
YUV	112.2500, 44.2467, -51.9622
Hunter-Lab	44.3716, 0.6442, -47.3110

Details

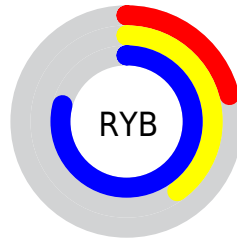
The HunterLab color **44.3716, 0.6442, -47.3110** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **53.6485, 15.8601, 29.6119**, and the grayscale version is **40.2045, -2.1452, 2.1844**.

A 20% lighter version of the original color is **65.2042, -1.2013, -45.8691**, and **27.2293, 4.2701, -43.2521** is the 20% darker color. If you saturate the color by 10%, you get **40.9222, 4.1215, -55.6698**, and if you desaturate by 10%, it is **48.1043, -1.9908, -39.2640**.

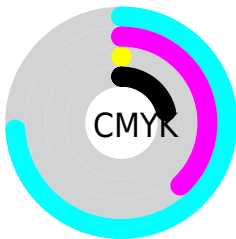
Distribution



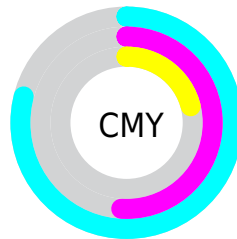
- Red (21%)
- Green (49%)
- Blue (79%)



- Red (21%)
- Yellow (40%)
- Blue (79%)



- Cyan (74%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.3716, 0.6442, -47.3110 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 44.3716, 0.6442, -47.3110 by changing the saturation by 10% instead.

■ 44.3716, 0.6442,
-47.3110

■ 44.3716, 0.6442,
-47.3110

158.1855, -3.8777,
-53.1674

■ 34.8844, 0.9257,
-46.8202

■ 65.4944, -0.0757,
-48.6603

■ 26.1897, 1.1441,
-46.6619

■ 77.0392, -0.5058,
-49.3847

■ 18.3687, 1.2895,
-47.2353

■ 89.1923, -0.9775,
-50.0996

■ 11.5326, 1.3450,
-49.6114

■ 101.9248, -1.4882,
-50.7894

■ 4.0529, 3.9038,
-86.3871

■ 115.2114, -2.0353,
-51.4452

0.0000, NaN, -NF

0.0000, NaN, -NF

129.0298, -2.6171,

-52.0618

0.0000, NaN, NaN

143.3605, -3.2317,
-52.6364

0.0000, NaN, NaN

■ 44.3716, 0.6442,
-47.3110

■ 44.3716, 0.6442,
-47.3110

■ 40.9222, 4.1215,
-55.6698

■ 48.1043, -1.9908,
-39.2640

■ 37.7785, 8.4639,
-64.2676

■ 52.0902, -3.8542,
-31.5707

■ 35.9527, 11.5139,
-69.7929

■ 56.3028, -5.0303,
-24.2367

■ 60.7178, -5.6057,
-17.2477

■ 65.3134, -5.6606,
-10.5777

■ 70.0710, -5.2662,
-4.1951

■ 74.9746, -4.4839,
1.9325

■ 80.0107, -3.3658,
7.8366

■ 85.1675, -1.9557,
13.5460

Harmonies

Analogous

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



44.3723, -16.7684, -41.2634



44.3716, 0.6442, -47.3110



44.3723, 20.1448, -36.1410

Triad

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



44.3723, 0.6449, -47.3099



44.3723, 31.4048, 17.8724



44.3723, -30.5447, 14.7281

Complementary

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



44.3716, 0.6442, -47.3110



53.6485, 15.8601, 29.6119

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.



44.3723, -21.1333, 22.3967



44.3716, 0.6442, -47.3110



44.3723, 14.1364, 23.6105

Square

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



44.3723, 0.6449, -47.3099



44.3723, 39.6875, 5.1536



44.3723, -5.3064, 24.8304



44.3723, -32.9438, -0.5094

Rectangle

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



44.3716, 0.6442, -47.3110



44.3723, 31.1489, -22.3742



44.3723, -5.3064, 24.8304



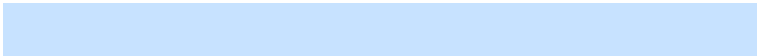
44.3723, -28.1831, 18.0338

Sweetspot

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



44.3723, 0.6449, -47.3099



85.8749, -7.3252, -12.5319



66.7907, -45.7465, 21.6114



38.9551, -3.4194, -6.8765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.3723, 0.6449, -47.3099



50.5585, 8.8860, -79.6372



27.6363, 39.0706, -102.1643



34.2398, -2.3572, -0.7098



29.1451, 8.6195, -55.0359



7.6809, -0.0069, -9.5857

Inverse Universe

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



40.7241, 57.3024, -2.1508



48.9075, 83.1137, 2.5755



73.9673, -19.7511, 42.5317



33.6192, 1.8769, 0.9209



29.4287, 52.3701, 3.7255



6.7978, 12.3074, -0.7692

Previews

White Background



This preview shows how the HunterLab color 44.3716, 0.6442, -47.3110 looks on a white 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

Black Background



This preview shows how the HunterLab color 44.3716, 0.6442, -47.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

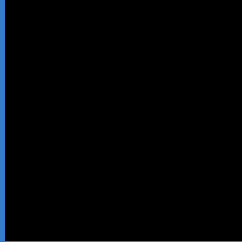
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 44.3716, 0.6442, -47.3110 Background



This preview shows how black text looks on a background with the HunterLab color 44.3716, 0.6442, -47.3110.



This preview shows how white text looks on a background with the HunterLab color 44.3716, 0.6442, -47.3110.

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

44.3716, 0.6442, -47.3110

Protanopia

44.1590, 7.9659, -43.5731

Deuteranopia

44.4330, 3.8602, -47.9447



Tritanopia

44.3663, -21.3446, -9.3770

Trichromacy



Original Color

44.3716, 0.6442, -47.3110

Protanomaly

44.0658, 5.0668, -45.4586

Deuteranomaly

44.4791, 2.5728, -47.8608

Tritanomaly

44.0388, -14.6367, -21.6899

Monochromacy



Original Color

44.3716, 0.6442, -47.3110

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

41.2202, -3.7735, -13.1976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.3716, 0.6442, -47.3110 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(53, 125, 202)` looks like.

```
.text, #text, p{  
    color:rgb(53, 125, 202)  
}
```

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(53, 125, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 125, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 44.3716, 0.6442, -47.3110 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(53, 125, 202) }
```


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

```
.border{ border-color:rgb(53, 125, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 125, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 125, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 125, 202);  
box-shadow:4px 4px 4px 4px rgb(53, 125,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.3716, 0.6442, -47.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 125, 202) }
```

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

```
.background{ background-color: rgb(53, 125,  
202) }
```

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