

Converting Colors

HunterLab(47.3271, 15.6347,
-52.8033)

Have a look what the booklet for
HunterLab(47.3271, 15.6347,
-52.8033) contains.

HunterLab(47.2317, 15.7540, -53.0253)	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(47.2317, 15.7540,
-53.0253)**

Conversions

Conversions Part 1	
Format	Color
Hex	6F7AD9
RGB	111, 122, 217
RGB Percent	44%, 48%, 85%
CMY	0.5647, 0.5216, 0.1490
CMYK	0.49, 0.44, 0.00, 0.15
HSL	234°, 58%, 64%
HSV	234°, 49%, 85%
XYZ	26.0395, 22.3083, 68.5792
YIQ	129.5410, -37.0510, 27.2130

Conversions

Conversions Part 2

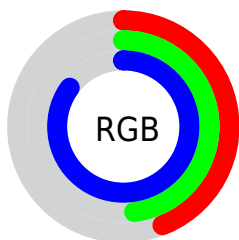
Format	Color
RYB	111, 121, 217
Decimal	7305945
CIELab	54.35, 21.50, -50.14
CIELCh	54, 54.553, 293.205
Yxy	22.3091, 0.2227, 0.1908
Android (android.graphics.Color)	4285496025 (0xFF6F7AD9)
YUV	129.5410, 43.1173, -16.2605
Hunter-Lab	47.2317, 15.7540, -53.0253

Details

The HunterLab color **47.2317, 15.7540, -53.0253** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **77.4882, -12.2310, 36.0256**, and the grayscale version is **46.9136, -2.5032, 2.5489**.

A 20% lighter version of the original color is **67.6882, 11.6452, -40.9565**, and **28.6371, 14.0742, -51.9175** is the 20% darker color. If you saturate the color by 10%, you get **40.9396, 22.0080, -69.4585**, and if you desaturate by 10%, it is **53.9956, 10.4421, -38.6283**.

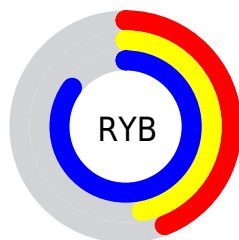
Distribution



Red (44%)

Green (48%)

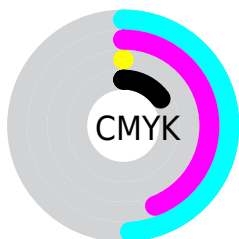
Blue (85%)



Red (44%)

Yellow (47%)

Blue (85%)

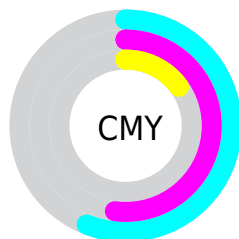


Cyan (49%)

Magenta (44%)

Yellow (0%)

Black (15%)



Cyan (56%)

Magenta (52%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2317, 15.7540, -53.0253 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 47.2317, 15.7540, -53.0253 by changing the saturation by 10% instead.


 47.2317, 15.7540,
-53.0253

 47.2317, 15.7540,
-53.0253


162.5288, 17.8541,
-59.2168


 37.5289, 15.1187,
-52.5640


 68.7432, 16.7253,
-54.3801

 28.5994, 14.3638,
-52.4634


 80.4658, 17.0824,
-55.1303

 20.5179, 13.4705,
-53.1147

 92.7880, 17.3651,
-55.8813

 13.3852, 12.4177,
-55.5021

105.6819, 17.5797,
-56.6152

 6.9423, 13.3274,
-67.1106

119.1233, 17.7317,
-57.3210

0.0000, NaN, -NF

0.0000, NaN, -NF

133.0907, 17.8256,

-57.9922

0.0000, NaN, -NF

147.5649, 17.8653,
-58.6249

0.0000, NaN, NaN

■ 47.2317, 15.7540,
-53.0253

■ 47.2317, 15.7540,
-53.0253

■ 40.9396, 22.0080,
-69.4585

■ 53.9956, 10.4421,
-38.6283

■ 35.2520, 29.3623,
-88.1734

■ 61.1344, 5.8807,
-25.8919

■ 30.3586, 37.7781,
-108.8377

■ 68.5823, 1.9033,
-14.4582

■ 26.5015, 46.6691,
-129.7184

■ 76.2912, -1.6219,
-4.0352

■ 23.8975, 54.5219,
-147.1888

■ 84.2256, -4.7956,
5.6044

■ 23.6715, 55.2563,
-148.8698

■ 92.3584, -7.6939,
14.6343

■ 98.8887, -11.4583,
21.3752

Harmonies

Analogous

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



47.2325, -7.5313, -59.2391



47.2317, 15.7540, -53.0253



47.2325, 37.3377, -29.3033

Triad

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



47.2325, 15.7543, -53.0240



47.2325, 26.2715, 25.0750



47.2325, -38.2520, 7.1840

Complementary

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



47.2317, 15.7540, -53.0253



77.4882, -12.2310, 36.0256

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.



47.2325, -32.4052, 21.1703



47.2317, 15.7540, -53.0253



47.2325, 2.7036, 27.8945

Square

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



47.2325, 15.7543, -53.0240



47.2325, 44.1602, 16.0783



47.2325, -18.3840, 26.9066



47.2325, -36.0614, -16.6816

Rectangle

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



47.2317, 15.7540, -53.0253



47.2325, 46.4198, -10.9278



47.2325, -18.3840, 26.9066



47.2325, -37.2043, 12.9803

Sweetspot

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



47.2325, 15.7543, -53.0240



85.7308, 0.6591, -12.5907



75.7602, -32.8115, 1.0883



38.7588, 0.7323, -7.0809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2325, 15.7543, -53.0240



48.6490, 26.9879, -84.8516



47.9793, 31.7036, -51.0020



35.8238, -0.6725, -2.1872



18.6143, 42.2007, -114.3654



5.4758, 8.1135, -24.3590

Inverse Universe

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



52.4661, 36.8328, 12.1665



57.1241, 55.1643, 17.6699



77.4900, -30.4043, 35.7089



36.1571, 1.4496, 2.6087



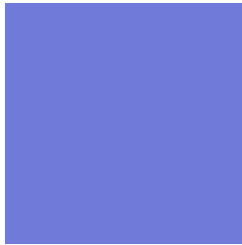
29.9559, 51.4460, 18.2275



7.6744, 13.2786, 3.9049

Previews

White Background



This preview shows how the HunterLab color 47.2317, 15.7540, -53.0253 looks on a white background.

Color Contrast Check

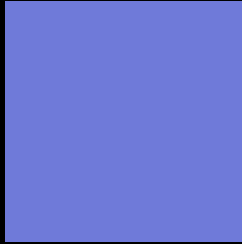
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2317, 15.7540, -53.0253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

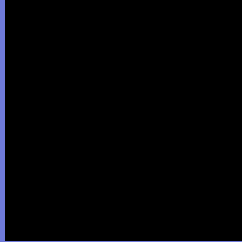
Any Text WCAG AA ✓ Pass

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 47.2317, 15.7540, -53.0253 Background



This preview shows how black text looks on a background with the HunterLab color 47.2317, 15.7540, -53.0253.



This preview shows how white text looks on a background with the HunterLab color 47.2317, 15.7540,

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

47.2317, 15.7540, -53.0253

Protanopia

47.4585, 10.0759, -56.0405

Deuteranopia

47.2102, 4.3293, -51.5735



Tritanopia

47.1202, -12.3508, -6.4340

Trichromacy



Original Color

47.2317, 15.7540, -53.0253

Protanomaly

47.3032, 12.2431, -55.5058

Deuteranomaly

47.0774, 8.2894, -52.6648

Tritanomaly

47.0280, -3.2323, -20.9216

Monochromacy



Original Color

47.2317, 15.7540, -53.0253

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.9024, 2.7110, -14.2620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2317, 15.7540, -53.0253 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(111, 122, 217)` looks like.

```
.text, #text, p{  
    color:rgb(111, 122, 217)  
}
```

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(111, 122, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 122, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2317, 15.7540, -53.0253 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(111, 122, 217) }
```

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

```
.border{ border-color:rgb(111, 122, 217) }
```

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

Here you see how a box with a 4 pixel rgb(111, 122, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 122, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 122, 217);  
box-shadow:4px 4px 4px 4px rgb(111, 122,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2317, 15.7540, -53.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 122, 217) }
```

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

```
.background{ background-color: rgb(111,  
122, 217) }
```

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