

Converting Colors

HunterLab(37.0725, 7.5592,
-53.7474)

Have a look what the booklet for
HunterLab(37.0725, 7.5592,
-53.7474) contains.

HunterLab(37.0914, 7.5817, -53.9693)	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(37.0914, 7.5817,
-53.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	2E66BD
RGB	46, 102, 189
RGB Percent	18%, 40%, 74%
CMY	0.8196, 0.6000, 0.2588
CMYK	0.76, 0.46, 0.00, 0.26
HSL	217°, 61%, 46%
HSV	217°, 76%, 74%
XYZ	15.0634, 13.7577, 50.0057
YIQ	95.1740, -61.3030, 15.1850

Conversions

Conversions Part 2

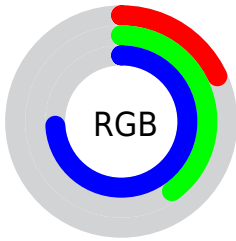
Format	Color
R_{YB}	46, 86, 189
Decimal	3040957
CIE _{Lab}	43.88, 12.46, -51.06
CIE _{LCh}	44, 52.558, 283.719
Yxy	13.7581, 0.1911, 0.1745
Android (android.graphics.Color)	4281231037 (0xFF2E66BD)
YUV	95.1740, 46.2562, -43.1256
Hunter-Lab	37.0914, 7.5817, -53.9693

Details

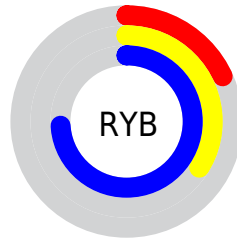
The HunterLab color **37.0914, 7.5817, -53.9693** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **52.7202, 8.8693, 29.7331**, and the grayscale version is **33.7441, -1.8005, 1.8334**.

A 20% lighter version of the original color is **57.0570, 8.2221, -55.2988**, and **21.3954, 10.8415, -50.1461** is the 20% darker color. If you saturate the color by 10%, you get **33.6242, 11.9695, -63.9651**, and if you desaturate by 10%, it is **40.8865, 4.0654, -44.5495**.

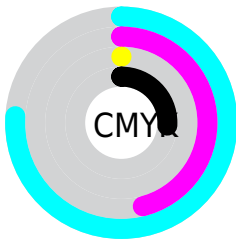
Distribution



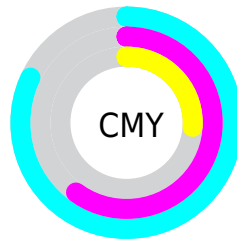
- Red (18%)
- Green (40%)
- Blue (74%)



- Red (18%)
- Yellow (34%)
- Blue (74%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (26%)



- Cyan (82%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0914, 7.5817, -53.9693 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 37.0914, 7.5817, -53.9693 by changing the saturation by 10% instead.

■ 37.0914, 7.5817,
-53.9693

■ 37.0914, 7.5817,
-53.9693

■ 146.8744, 6.8580,
-60.0420

■ 28.2004, 7.3059,
-53.9443

■ 57.1483, 7.8627,
-55.0086

■ 20.1610, 6.9155,
-54.7475

■ 68.2082, 7.8890,
-55.7232

■ 13.0759, 6.3849,
-57.4658

■ 79.9019, 7.8503,
-56.4766

■ 6.5573, 7.9326,
-71.8984

■ 92.1966, 7.7526,
-57.2363

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.0643, 7.6008,
-57.9825

0.0000, NaN, -NF

118.4805, 7.3989,

0.0000, NaN, NaN

-58.7033

0.0000, NaN, NaN

132.4236, 7.1504,
-59.3912

■ 37.0914, 7.5817,
-53.9693

■ 37.0914, 7.5817,
-53.9693

■ 33.6242, 11.9695,
-63.9651

■ 40.8865, 4.0654,
-44.5495

■ 30.5276, 17.2352,
-74.3921

■ 44.9637, 1.3387,
-35.7543

■ 29.2789, 19.6925,
-79.1065

■ 49.2847, -0.6997,
-27.5614

■ 53.8170, -2.1517,
-19.9165

■ 58.5337, -3.1085,
-12.7527

■ 63.4129, -3.6481,
-6.0034

■ 68.4366, -3.8356,
0.3933

■ 73.5900, -3.7243,
6.4916

■ 78.8607, -3.3579,
12.3383

Harmonies

Analogous

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



37.0919, -12.1545, -53.0267



37.0914, 7.5817, -53.9693



37.0919, 28.4998, -35.3254

Triad

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



37.0919, 7.5826, -53.9683



37.0919, 30.0905, 19.4431



37.0919, -32.1380, 10.8773

Complementary

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



37.0914, 7.5817, -53.9693



52.7202, 8.8693, 29.7331

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.



37.0919, -24.9849, 19.9169



37.0914, 7.5817, -53.9693



37.0919, 9.4227, 22.7622

Square

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



37.0919, 7.5826, -53.9683



37.0919, 43.2367, 9.6864



37.0919, -10.6644, 22.8717



37.0919, -32.4252, -7.7422

Rectangle

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



37.0914, 7.5817, -53.9693



37.0919, 39.1614, -18.0958



37.0919, -10.6644, 22.8717



37.0919, -30.5385, 14.8351

Sweetspot

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



37.0919, 7.5826, -53.9683



79.8101, -4.3710, -14.9544



62.1588, -41.3612, 16.8224



35.9307, -1.8660, -8.4899



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.



37.0919, 7.5826, -53.9683



42.1239, 20.6901, -95.0457



25.6891, 38.7386, -94.6088



31.3396, -1.7909, -0.9103



24.3047, 15.4697, -63.7735



5.9945, 0.6266, -8.8452

Inverse Universe

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



37.0581, 52.4948, 3.6421



45.8926, 77.7903, 10.8539



67.5812, -22.3804, 38.9828



30.9783, 1.5689, 1.1915



27.6153, 48.5477, 8.1103



5.5824, 10.0348, -0.0725

Previews

White Background



This preview shows how the HunterLab color 37.0914, 7.5817, -53.9693 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 37.0914, 7.5817, -53.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

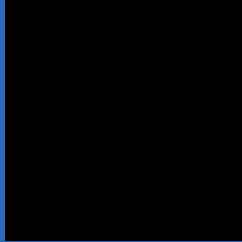
Any Text WCAG AA × Fail

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 37.0914, 7.5817, -53.9693 Background



This preview shows how black text looks on a background with the HunterLab color 37.0914, 7.5817, -53.9693.



This preview shows how white text looks on a background with the HunterLab color 37.0914, 7.5817, -53.9693.

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

37.0914, 7.5817, -53.9693

Protanopia

36.9633, 9.6357, -52.4658

Deuteranopia

36.9436, 2.5791, -51.7439



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

37.0914, 7.5817, -53.9693

Protanomaly

37.0816, 8.7875, -53.0678

Deuteranomaly

36.8886, 3.9209, -52.7647

Tritanomaly

36.5754, -9.9644, -22.3835

Monochromacy



Original Color

37.0914, 7.5817, -53.9693

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.4937, -1.4186, -14.4689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0914, 7.5817, -53.9693 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(46, 102, 189)` looks like.

```
.text, #text, p{  
    color:rgb(46, 102, 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(46, 102, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 102, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0914, 7.5817, -53.9693 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(46, 102, 189) }
```


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

```
.border{ border-color:rgb(46, 102, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 102, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 102, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 102, 189);  
box-shadow:4px 4px 4px 4px rgb(46, 102,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0914, 7.5817, -53.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 102, 189) }
```

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

```
.background{ background-color: rgb(46, 102,  
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](#).

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