

Converting Colors

HunterLab(37.5699, 14.3630,
-52.5756)

Have a look what the booklet for
HunterLab(37.5699, 14.3630,
-52.5756) contains.

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Color

**HunterLab(37.5699, 14.3630,
-52.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	5062BD
RGB	80, 98, 189
RGB Percent	31%, 38%, 74%
CMY	0.6863, 0.6157, 0.2588
CMYK	0.58, 0.48, 0.00, 0.26
HSL	230°, 45%, 53%
HSV	230°, 58%, 74%
XYZ	16.8613, 14.1150, 49.9799
YIQ	102.9920, -39.9390, 24.4850

Conversions

Conversions Part 2

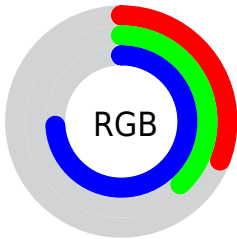
Format	Color
R_{YB}	80, 95, 189
Decimal	5268157
CIE _{Lab}	44.40, 20.61, -50.15
CIE _{LCh}	44, 54.216, 292.345
Yxy	14.1154, 0.2083, 0.1744
Android (android.graphics.Color)	4283458237 (0xFF5062BD)
YUV	102.9920, 42.4019, -20.1640
Hunter-Lab	37.5699, 14.3630, -52.5756

Details

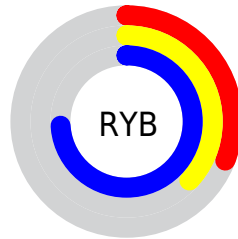
The HunterLab color $37.5699, 14.3630, -52.5756$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $63.6600, -7.6627, 32.0234$, and the grayscale version is $36.6821, -1.9573, 1.9930$.

A 20% lighter version of the original color is $57.5778, 15.6218, -54.0289$, and $20.5224, 12.9124, -53.3496$ is the 20% darker color. If you saturate the color by 10%, you get $32.7683, 19.7371, -66.5738$, and if you desaturate by 10%, it is $42.7863, 9.8687, -40.1774$.

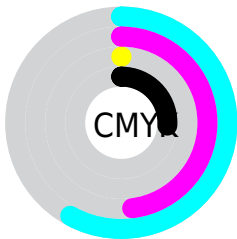
Distribution



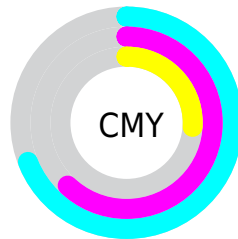
- Red (31%)
- Green (38%)
- Blue (74%)



- Red (31%)
- Yellow (37%)
- Blue (74%)



- Cyan (58%)
- Magenta (48%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (62%)
- Yellow (26%)
- Black (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5699, 14.3630, -52.5756 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 37.5699, 14.3630, -52.5756 by changing the saturation by 10% instead.

■ 37.5699, 14.3630, -52.5756

■ 37.5699, 14.3630, -52.5756

147.6305, 16.7736, -58.6369

■ 28.6374, 13.6541, -52.4720

■ 57.7007, 15.4454, -53.6726

■ 20.5519, 12.8079, -53.1190

■ 68.7941, 15.8449, -54.3922

■ 13.4147, 11.8025, -55.4958

■ 80.5194, 16.1637, -55.1426

■ 6.9777, 12.6576, -66.9289

■ 92.8442, 16.4094, -55.8936

0.0000, NaN, -NF

0.0000, NaN, -NF

105.7406, 16.5883, -56.6274

0.0000, NaN, -NF

119.1844, 16.7058,

0.0000, NaN, NaN

-57.3332

0.0000, NaN, NaN

133.1541, 16.7663,
-58.0043

■ 37.5699, 14.3630,
-52.5756

■ 37.5699, 14.3630,
-52.5756

■ 32.7683, 19.7371,
-66.5738

■ 42.7863, 9.8687,
-40.1774

■ 28.4938, 26.0790,
-82.1646

■ 48.3328, 6.1007,
-29.1696

■ 24.8961, 33.2551,
-98.7326

■ 54.1502, 2.9127,
-19.2960

■ 22.1309, 40.6218,
-114.6340

■ 60.1949, 0.1822,
-10.3257

■ 21.5983, 42.2099,
-118.1150

■ 66.4345, -2.1870,
-2.0686

■ 72.8443, -4.2692,
5.6255

■ 79.4054, -6.1214,
12.8739

■ 86.1026, -7.7874,
19.7676

■ 92.9237, -9.3013,
26.3777

Harmonies

Analogous

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



37.5705, -7.1660, -58.2059



37.5699, 14.3630, -52.5756



37.5705, 35.0055, -29.2396

Triad

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



37.5705, 14.3636, -52.5745



37.5705, 25.5485, 21.3732



37.5705, -33.8895, 6.7497

Complementary

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



37.5699, 14.3630, -52.5756



63.6600, -7.6627, 32.0234

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.



37.5705, -28.6224, 18.6077



37.5699, 14.3630, -52.5756



37.5705, 3.4470, 23.5494

Square

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



37.5705, 14.3636, -52.5745



37.5705, 42.3770, 13.7847



37.5705, -15.9796, 22.9193



37.5705, -32.2008, -15.3959

Rectangle

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



37.5699, 14.3630, -52.5756



37.5705, 43.9698, -11.3543



37.5705, -15.9796, 22.9193



37.5705, -32.9220, 11.8159

Sweetspot

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



37.5705, 14.3636, -52.5745



80.8845, 0.1094, -13.3630



64.0587, -31.7359, 3.3335



36.7458, 0.3688, -7.2697



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.



37.5705, 14.3636, -52.5745



42.3885, 28.3603, -93.9909



36.2608, 31.5602, -55.8247



30.7784, -0.8523, -1.6078



17.9316, 33.8400, -95.4638



4.5443, 3.7104, -13.6898

Inverse Universe

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



41.7599, 38.3125, 9.9966



50.5222, 62.2747, 16.9221



66.1172, -27.3683, 33.4553



30.9215, 1.2631, 2.0024



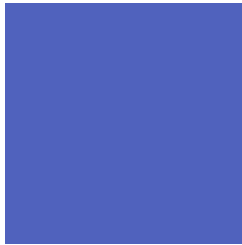
27.1188, 46.7185, 15.3785



5.4425, 9.5238, 1.9399

Previews

White Background



This preview shows how the HunterLab color 37.5699, 14.3630, -52.5756 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 37.5699, 14.3630, -52.5756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

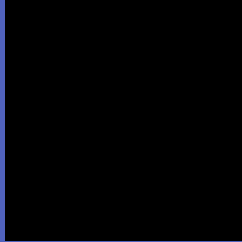
Any Text WCAG AA × Fail

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 37.5699, 14.3630, -52.5756 Background



This preview shows how black text looks on a background with the HunterLab color 37.5699, 14.3630, -52.5756.



This preview shows how white text looks on a background with the HunterLab color 37.5699, 14.3630, -52.5756.

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

37.5699, 14.3630, -52.5756

Protanopia

37.7525, 10.1601, -55.7937

Deuteranopia

37.5368, 3.2647, -51.0718



Tritanopia

37.7115, -13.6416, -6.4624

Trichromacy



Original Color

37.5699, 14.3630, -52.5756

Protanomaly

37.7775, 11.4503, -54.7886

Deuteranomaly

37.2382, 6.5725, -52.6902

Tritanomaly

37.2672, -4.4891, -21.0307

Monochromacy



Original Color

37.5699, 14.3630, -52.5756

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.6899, 2.3281, -13.7982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5699, 14.3630, -52.5756 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(80, 98, 189)` looks like.

```
.text, #text, p{  
    color:rgb(80, 98, 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(80, 98, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 98, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5699, 14.3630, -52.5756 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(80, 98, 189) }
```


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

```
.border{ border-color:rgb(80, 98, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 98, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 98, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 98, 189);  
box-shadow:4px 4px 4px 4px rgb(80, 98,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5699, 14.3630, -52.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 98, 189) }
```

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

```
.background{ background-color: rgb(80, 98,  
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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