

Converting Colors

HunterLab(37.5267, 7.4578,
-43.0032)

Have a look what the booklet for
HunterLab(37.5267, 7.4578,
-43.0032) contains.

HunterLab(37.4922, 7.6400, -43.3712)	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(37.4922, 7.6400,
-43.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	4766B2
RGB	71, 102, 178
RGB Percent	28%, 40%, 70%
CMY	0.7215, 0.6000, 0.3020
CMYK	0.60, 0.43, 0.00, 0.30
HSL	223°, 43%, 49%
HSV	223°, 60%, 70%
XYZ	15.3857, 14.0567, 44.0217
YIQ	101.3950, -42.8720, 17.0640

Conversions

Conversions Part 2

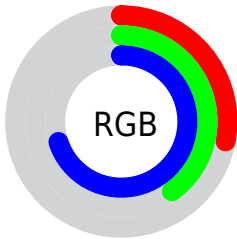
Format	Color
R_{YB}	71, 95, 178
Decimal	4679346
CIE _{Lab}	44.31, 12.52, -43.90
CIE _{LCh}	44, 45.649, 285.924
Yxy	14.0571, 0.2094, 0.1913
Android (android.graphics.Color)	4282869426 (0xFF4766B2)
YUV	101.3950, 37.7663, -26.6564
Hunter-Lab	37.4922, 7.6400, -43.3712

Details

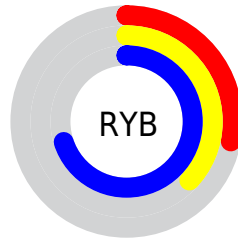
The HunterLab color $37.4922, 7.6400, -43.3712$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $55.4877, -0.8140, 27.8064$, and the grayscale version is $36.0979, -1.9261, 1.9613$.

A 20% lighter version of the original color is $57.7167, 7.6872, -44.2645$, and $20.7582, 7.6645, -42.4913$ is the 20% darker color. If you saturate the color by 10%, you get $33.4384, 11.5045, -53.8771$, and if you desaturate by 10%, it is $41.8439, 4.5283, -33.8175$.

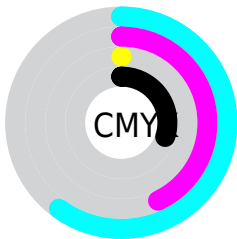
Distribution



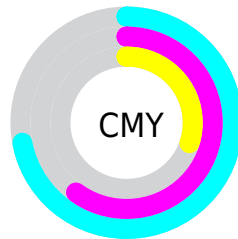
- Red (28%)
- Green (40%)
- Blue (70%)



- Red (28%)
- Yellow (37%)
- Blue (70%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (30%)



- Cyan (72%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4922, 7.6400, -43.3712 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 37.4922, 7.6400, -43.3712 by changing the saturation by 10% instead.

■ 37.4922, 7.6400,
-43.3712

■ 37.4922, 7.6400,
-43.3712

■ 147.5079, 6.9165,
-49.0181

■ 28.5664, 7.3649,
-42.9965

■ 57.6110, 7.9196,
-44.6319

■ 20.4884, 6.9763,
-43.1021

■ 68.6991, 7.9458,
-45.3356

■ 13.3596, 6.4485,
-44.3634

■ 80.4193, 7.9072,
-46.0339

■ 6.9113, 7.5271,
-52.5597

■ 92.7392, 7.8097,
-46.7085

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.6309, 7.6582,
-47.3488

0.0000, NaN, NaN

119.0702, 7.4566,

0.0000, NaN, NaN

-47.9490

0.0000, NaN, NaN

133.0356, 7.2084,
-48.5059

■ 37.4922, 7.6400,
-43.3712

■ 37.4922, 7.6400,
-43.3712

■ 33.4384, 11.5045,
-53.8771

■ 41.8439, 4.5283,
-33.8175

■ 29.7433, 16.2253,
-65.3492

■ 46.4424, 2.0467,
-25.1180

■ 26.4839, 21.8308,
-77.5929

■ 51.2502, 0.0837,
-17.1455

■ 23.7313, 28.0055,
-90.1179

■ 56.2378, -1.4552,
-9.7777

■ 61.3821, -2.6466,
-2.9071

■ 66.6650, -3.5517,
3.5564

■ 72.0719, -4.2191,
9.6866

■ 77.5909, -4.6875,
15.5439

■ 83.2123, -4.9878,
21.1768

Harmonies

Analogous

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



37.4928, -9.8089, -43.9096



37.4922, 7.6400, -43.3712



37.4928, 25.2340, -27.5913

Triad

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



37.4928, 7.6405, -43.3702



37.4928, 24.2686, 18.4777



37.4928, -29.2826, 8.9950

Complementary

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



37.4922, 7.6400, -43.3712



55.4877, -0.8140, 27.8064

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.



37.4928, -23.1659, 18.1320



37.4922, 7.6400, -43.3712



37.4928, 6.4999, 21.6625

Square

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



37.4928, 7.6405, -43.3702



37.4928, 35.9660, 9.7750



37.4928, -10.7598, 21.5742



37.4928, -29.0898, -7.7997

Rectangle

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



37.4922, 7.6400, -43.3712



37.4928, 33.7563, -13.4301



37.4928, -10.7598, 21.5742



37.4928, -27.9527, 12.8546

Sweetspot

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



37.4928, 7.6405, -43.3702



76.9627, -2.2799, -11.4578



59.3743, -32.6542, 8.8989



35.2969, -0.8276, -6.6898



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



37.4928, 7.6405, -43.3702



43.4121, 17.3572, -77.2634



31.6507, 27.7605, -58.9121



29.3564, -1.2957, -1.1330



20.3112, 23.0075, -75.0538



4.8242, 1.2184, -8.6600

Inverse Universe

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



38.6413, 38.6801, 5.1997



47.0558, 62.5041, 10.2655



62.7886, -22.0779, 32.6736



29.2308, 1.3274, 1.4727



26.3754, 45.8673, 11.6269



4.7883, 8.5381, 0.4733

Previews

White Background



This preview shows how the HunterLab color 37.4922, 7.6400, -43.3712 looks on a white background.

Color Contrast Check

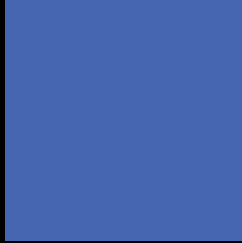
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4922, 7.6400, -43.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

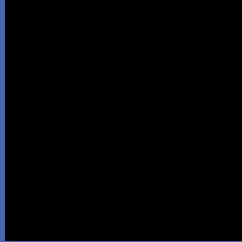
Any Text WCAG AA × Fail

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 37.4922, 7.6400, -43.3712 Background



This preview shows how black text looks on a background with the HunterLab color 37.4922, 7.6400, -43.3712.



This preview shows how white text looks on a background with the HunterLab color 37.4922, 7.6400, -43.3712.

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

37.4922, 7.6400, -43.3712

Protanopia

37.5431, 7.8036, -43.2469

Deuteranopia

37.4266, 3.1987, -42.7752



Tritanopia

37.4774, -14.5313, -6.8063

Trichromacy



Original Color

37.4922, 7.6400, -43.3712

Protanomaly

37.5431, 7.8036, -43.2469

Deuteranomaly

37.4229, 4.5771, -42.7599

Tritanomaly

37.3460, -7.4771, -18.3744

Monochromacy



Original Color

37.4922, 7.6400, -43.3712

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.1469, 0.1125, -11.7906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4922, 7.6400, -43.3712 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(71, 102, 178)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 178)  
}
```

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(71, 102, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4922, 7.6400, -43.3712 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(71, 102, 178) }
```


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

```
.border{ border-color:rgb(71, 102, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 102, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 178);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4922, 7.6400, -43.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 178) }
```

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

```
.background{ background-color: rgb(71, 102,  
178) }
```

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