

Converting Colors

HunterLab(37.5431, 7.8036,
-43.2469)

Have a look what the booklet for
HunterLab(37.5431, 7.8036,
-43.2469) contains.

HunterLab(37.5431, 7.8036, -43.2469)	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(37.5431, 7.8036,
-43.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	4866B2
RGB	72, 102, 178
RGB Percent	28%, 40%, 70%
CMY	0.7176, 0.6000, 0.3020
CMYK	0.60, 0.43, 0.00, 0.30
HSL	223°, 42%, 49%
HSV	223°, 60%, 70%
XYZ	15.4598, 14.0948, 44.0253
YIQ	101.6940, -42.2760, 17.2760

Conversions

Conversions Part 2

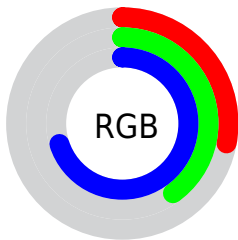
Format	Color
R_{YB}	72, 95, 178
Decimal	4744882
CIE _{Lab}	44.37, 12.73, -43.81
CIE _{LCh}	44, 45.618, 286.198
Yxy	14.0953, 0.2101, 0.1916
Android (android.graphics.Color)	4282934962 (0xFF4866B2)
YUV	101.6940, 37.6189, -26.0416
Hunter-Lab	37.5431, 7.8036, -43.2469

Details

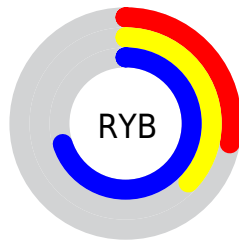
The HunterLab color $37.5431, 7.8036, -43.2469$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $55.7802, -1.2271, 27.8324$, and the grayscale version is $36.2109, -1.9321, 1.9674$.

A 20% lighter version of the original color is $57.7842, 7.9092, -44.1256$, and $20.7582, 7.6645, -42.4913$ is the 20% darker color. If you saturate the color by 10%, you get $33.4498, 11.6925, -53.8416$, and if you desaturate by 10%, it is $41.9357, 4.6659, -33.6281$.

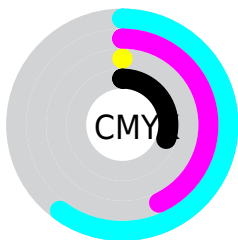
Distribution



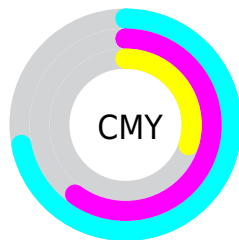
- Red (28%)
- Green (40%)
- Blue (70%)



- 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 37.5431, 7.8036, -43.2469 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 37.5431, 7.8036, -43.2469 by changing the saturation by 10% instead.

■ 37.5431, 7.8036,
-43.2469

■ 37.5431, 7.8036,
-43.2469

■ 147.5883, 7.1570,
-48.8850

■ 28.6129, 7.5177,
-42.8675

■ 57.6698, 8.1030,
-44.5099

■ 20.5300, 7.1176,
-42.9626

■ 68.7614, 8.1384,
-45.2130

■ 13.3957, 6.5777,
-44.2001

■ 80.4849, 8.1085,
-45.9103

■ 6.9549, 7.6013,
-52.1784

■ 92.8080, 8.0194,
-46.5833

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.7028, 7.8760,
-47.2219

0.0000, NaN, NaN

119.1451, 7.6823,

0.0000, NaN, NaN

-47.8202

0.0000, NaN, NaN

133.1132, 7.4416,
-48.3750

■ 37.5431, 7.8036,
-43.2469

■ 37.5431, 7.8036,
-43.2469

■ 33.4498, 11.6925,
-53.8416

■ 41.9357, 4.6659,
-33.6281

■ 29.7178, 16.4385,
-65.4337

■ 46.5758, 2.1551,
-24.8802

■ 26.4261, 22.0720,
-77.8307

■ 51.4256, 0.1592,
-16.8702

■ 23.6281, 28.3619,
-90.6353

■ 56.4553, -1.4164,
-9.4720

■ 23.5108, 28.6482,
-91.2297

■ 61.6420, -2.6484,
-2.5756

■ 66.9674, -3.5978,
3.9109

■ 72.4169, -4.3127,
10.0625

■ 77.9786, -4.8317,
15.9402

■ 83.6430, -5.1852,
21.5932

Harmonies

Analogous

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



37.5437, -9.6678, -43.9443



37.5431, 7.8036, -43.2469



37.5437, 25.3609, -27.3824

Triad

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



37.5437, 7.8041, -43.2459



37.5437, 24.1100, 18.5353



37.5437, -29.3135, 8.8791

Complementary

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



37.5431, 7.8036, -43.2469



55.7802, -1.2271, 27.8324

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.



37.5437, -23.2531, 18.0866



37.5431, 7.8036, -43.2469



37.5437, 6.3259, 21.6878

Square

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



37.5437, 7.8041, -43.2459



37.5437, 35.8847, 9.8906



37.5437, -10.9006, 21.5731



37.5437, -29.0634, -7.9770

Rectangle

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



37.5431, 7.8036, -43.2469



37.5437, 33.8244, -13.2266



37.5437, -10.9006, 21.5731



37.5437, -28.0023, 12.7640

Sweetspot

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



37.5437, 7.8041, -43.2459



76.8772, -2.1357, -11.5735



59.4610, -32.2010, 8.1524



35.2505, -0.7491, -6.7544



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.



37.5437, 7.8041, -43.2459



43.6453, 17.3413, -76.5624



32.0643, 27.7814, -57.6396



29.3408, -1.2697, -1.1523



20.1231, 23.5466, -75.9825



4.7856, 1.2947, -8.7765

Inverse Universe

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



38.8070, 38.2316, 5.3763



47.3568, 61.6854, 10.3601



62.6746, -22.4885, 32.4254



29.2293, 1.3189, 1.4952



26.3608, 45.8136, 11.8403



4.7843, 8.5239, 0.5293

Previews

White Background



This preview shows how the HunterLab color 37.5431, 7.8036, -43.2469 looks on a white background.

Color Contrast Check

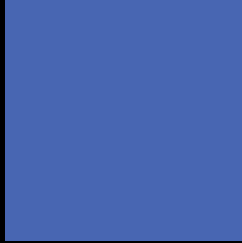
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5431, 7.8036, -43.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

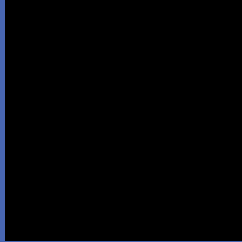
Any Text WCAG AA × Fail

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 37.5431, 7.8036, -43.2469 Background



This preview shows how black text looks on a background with the HunterLab color 37.5431, 7.8036, -43.2469.



This preview shows how white text looks on a background with the HunterLab color 37.5431, 7.8036, -43.2469.

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

37.5431, 7.8036, -43.2469

Protanopia

37.5431, 7.8036, -43.2469

Deuteranopia

37.4266, 3.1987, -42.7752



Tritanopia

37.5407, -14.2899, -6.7130

Trichromacy



Original Color

37.5431, 7.8036, -43.2469

Protanomaly

37.5431, 7.8036, -43.2469

Deuteranomaly

37.4229, 4.5771, -42.7599

Tritanomaly

37.4231, -7.1980, -18.2370

Monochromacy



Original Color

37.5431, 7.8036, -43.2469

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.5220, 0.0878, -11.7786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5431, 7.8036, -43.2469 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(72, 102, 178)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 102, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 102, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5431, 7.8036, -43.2469 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(72, 102, 178) }
```


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

```
.border{ border-color:rgb(72, 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(72, 102, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 102, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 102, 178);  
box-shadow:4px 4px 4px 4px rgb(72, 102,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5431, 7.8036, -43.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 102, 178) }
```

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

```
.background{ background-color: rgb(72, 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](#).

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