

Converting Colors

HunterLab(40.7095, -0.6860,
-23.7995)

Have a look what the booklet for
HunterLab(40.7095, -0.6860,
-23.7995) contains.

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Color

**HunterLab(40.8895, -0.7498,
-23.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	5473A1
RGB	84, 115, 161
RGB Percent	33%, 45%, 63%
CMY	0.6706, 0.5490, 0.3686
CMYK	0.48, 0.29, 0.00, 0.37
HSL	216°, 31%, 48%
HSV	216°, 48%, 63%
XYZ	16.2199, 16.7195, 36.0905
YIQ	110.9750, -33.2420, 7.7340

Conversions

Conversions Part 2

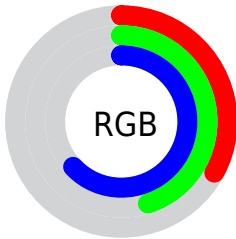
Format	Color
R_{YB}	84, 106, 161
Decimal	5534625
CIE _{Lab}	47.91, 1.89, -28.23
CIE _{LCh}	48, 28.294, 273.820
Yxy	16.7201, 0.2350, 0.2422
Android (android.graphics.Color)	4283724705 (0xFF5473A1)
YUV	110.9750, 24.6623, -23.6571
Hunter-Lab	40.8895, -0.7498, -23.7088

Details

The HunterLab color $[40.8895, -0.7498, -23.7088]$ is a dark color, and the websafe version is hex $\#336699$. A complement of this color would be $[49.1763, 2.0778, 20.2253]$, and the grayscale version is $[39.7789, -2.1225, 2.1613]$.

A 20% lighter version of the original color is $[61.5741, -1.8563, -24.6467]$, and $[23.1941, 0.0000, -22.6918]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3901, 0.9305, -30.4121]$, and if you desaturate by 10%, it is $[44.5643, -1.9411, -17.4341]$.

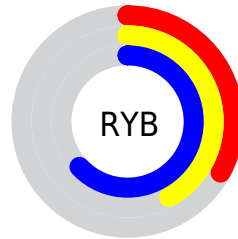
Distribution



Red (33%)

Green (45%)

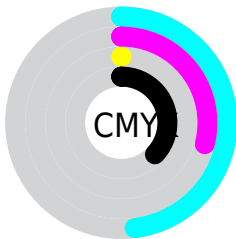
Blue (63%)



Red (33%)

Yellow (42%)

Blue (63%)

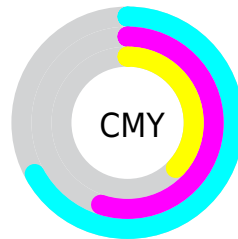


Cyan (48%)

Magenta (29%)

Yellow (0%)

Black (37%)



Cyan (67%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8895, -0.7498, -23.7088 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 40.8895, -0.7498, -23.7088 by changing the saturation by 10% instead.

■ 40.8895, -0.7498,
-23.7088

■ 40.8895, -0.7498,
-23.7088

■ 152.8248, -5.9458,
-26.6390

■ 31.6783, -0.3731,
-23.1451

■ 61.5174, -1.6451,
-24.7338

■ 23.2858, -0.0513,
-22.6030

■ 72.8365, -2.1556,
-25.1699

■ 15.8022, 0.2069,
-22.2060

■ 84.7755, -2.7041,
-25.5499

■ 9.3551, 0.3882,
-22.3427

■ 97.3038, -3.2882,
-25.8737

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.3948, -3.9060,
-26.1427

0.0000, NaN, NaN

124.0253, -4.5558,

0.0000, NaN, NaN

-26.3585

0.0000, NaN, NaN

138.1748, -5.2361,
-26.5233

■ 40.8895, -0.7498,
-23.7088

■ 40.8895, -0.7498,
-23.7088

■ 37.3901, 0.9305,
-30.4121

■ 44.5643, -1.9411,
-17.4341

■ 34.0897, 3.1806,
-37.5828

■ 48.3905, -2.7169,
-11.5428

■ 31.0195, 6.0794,
-45.2285

■ 52.3512, -3.1408,
-5.9841

■ 28.2132, 9.6850,
-53.3049

■ 56.4315, -3.2663,
-0.7108

■ 25.6895, 13.9569,
-61.7464

■ 60.6193, -3.1378,
4.3193

■ 25.1653, 14.9251,
-63.6735

■ 64.9045, -2.7919,
9.1432

■ 69.2783, -2.2586,
13.7923

■ 73.7338, -1.5627,
18.2937

■ 78.2646, -0.7249,
22.6698

Harmonies

Analogous

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



40.8903, -11.1945, -20.5527



40.8895, -0.7498, -23.7088



40.8903, 10.4078, -18.5297

Triad

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



40.8903, -0.7499, -23.7079



40.8903, 17.1349, 12.0039



40.8903, -19.6545, 10.2196

Complementary

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



40.8895, -0.7498, -23.7088



49.1763, 2.0778, 20.2253

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.



40.8903, -13.4153, 15.7726



40.8895, -0.7498, -23.7088



40.8903, 7.6814, 16.5930

Square

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



40.8903, -0.7499, -23.7079



40.8903, 21.4069, 3.5577



40.8903, -3.5986, 17.7616



40.8903, -21.4027, 0.8475

Rectangle

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



40.8895, -0.7498, -23.7088



40.8903, 16.5415, -11.6906



40.8903, -3.5986, 17.7616



40.8903, -18.0483, 12.5026

Sweetspot

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



40.8903, -0.7499, -23.7079



71.9859, -4.3054, -5.4544



53.8124, -26.6411, 9.8409



33.1956, -1.9917, -3.2341



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



40.8903, -0.7499, -23.7079



49.9250, 1.3098, -40.9274



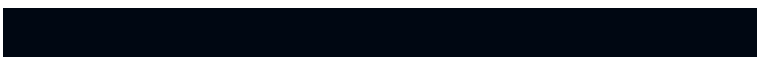
33.3305, 15.9042, -39.1638



27.0300, -1.5806, -0.7072



22.6575, 12.9528, -56.2813



4.4630, -0.3728, -4.7737

Inverse Universe

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



38.9309, 27.9885, -0.2236



47.6440, 46.0717, 0.2911



57.4958, -14.3623, 26.5272



26.7040, 1.3049, 1.0015



25.2237, 44.4284, 6.7484



3.7803, 6.8904, -0.7865

Previews

White Background



This preview shows how the HunterLab color 40.8895, -0.7498, -23.7088 looks on a white background.

Color Contrast Check

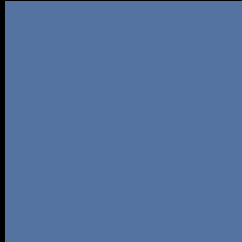
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8895, -0.7498, -23.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

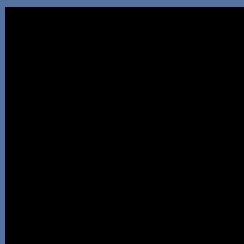
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

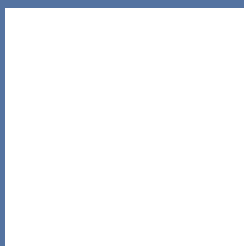
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.8895, -0.7498, -23.7088 Background



This preview shows how black text looks on a background with the HunterLab color 40.8895, -0.7498, -23.7088.

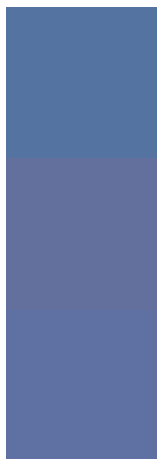


This preview shows how white text looks on a background with the HunterLab color 40.8895, -0.7498, -23.7088.

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

40.8895, -0.7498, -23.7088

Protanopia

40.8774, 3.1848, -21.6741

Deuteranopia

40.7797, 3.2009, -24.5138



Tritanopia

40.9991, -11.5111, -5.9904

Trichromacy



Original Color

40.8895, -0.7498, -23.7088

Protanomaly

40.8572, 1.8061, -22.3914

Deuteranomaly

40.7959, 1.8569, -24.5077

Tritanomaly

40.9467, -7.9183, -11.9629

Monochromacy



Original Color

40.8895, -0.7498, -23.7088

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9250, -2.2534, -6.2804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8895, -0.7498, -23.7088 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(84, 115, 161)` looks like.

```
.text, #text, p{  
    color:rgb(84, 115, 161)  
}
```

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(84, 115, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 115, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8895, -0.7498, -23.7088 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(84, 115, 161) }
```


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

```
.border{ border-color:rgb(84, 115, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 115, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 115, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 115, 161);  
box-shadow:4px 4px 4px 4px rgb(84, 115,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8895, -0.7498, -23.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 115, 161) }
```

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

```
.background{ background-color: rgb(84, 115,  
161) }
```

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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