

Converting Colors

HunterLab(38.7883, 0.3960,
-28.3424)

Have a look what the booklet for
HunterLab(38.7883, 0.3960,
-28.3424) contains.

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Color

**HunterLab(38.7321, 0.4915,
-28.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6DA2
RGB	74, 109, 162
RGB Percent	29%, 43%, 64%
CMY	0.7098, 0.5725, 0.3647
CMYK	0.54, 0.33, 0.00, 0.36
HSL	216°, 37%, 46%
HSV	216°, 54%, 64%
XYZ	14.8143, 15.0018, 36.2972
YIQ	104.5770, -37.8730, 9.0630

Conversions

Conversions Part 2

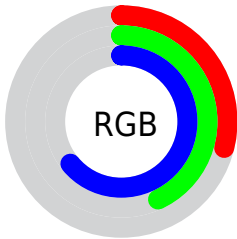
Format	Color
R_{YB}	74, 99, 162
Decimal	4877730
CIE _{Lab}	45.64, 3.41, -32.41
CIE _{LCh}	46, 32.584, 276.001
Yxy	15.0023, 0.2241, 0.2269
Android (android.graphics.Color)	4283067810 (0xFF4A6DA2)
YUV	104.5770, 28.3095, -26.8160
Hunter-Lab	38.7321, 0.4915, -28.4503

Details

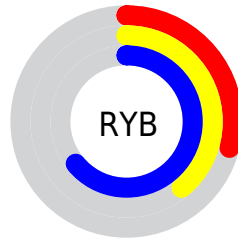
The HunterLab color $38.7321, 0.4915, -28.4503$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $48.3275, 3.0614, 21.8837$, and the grayscale version is $37.3321, -1.9919, 2.0283$.

A 20% lighter version of the original color is $58.9411, -0.1880, -29.7183$, and $21.5154, 0.9243, -27.3779$ is the 20% darker color. If you saturate the color by 10%, you get $35.3163, 2.5897, -35.5797$, and if you desaturate by 10%, it is $42.3425, -1.0589, -21.7916$.

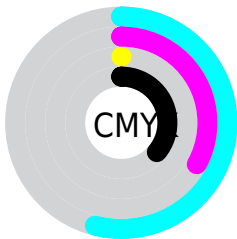
Distribution



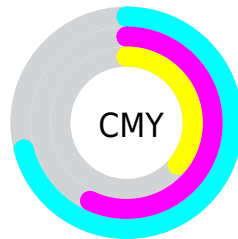
- Red (29%)
- Green (43%)
- Blue (64%)



- Red (29%)
- Yellow (39%)
- Blue (64%)



- Cyan (54%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7321, 0.4915, -28.4503 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 38.7321, 0.4915, -28.4503 by changing the saturation by 10% instead.

■ 38.7321, 0.4915,
-28.4503

■ 38.7321, 0.4915,
-28.4503

■ 149.4590, -3.9972,
-32.3726

■ 29.7002, 0.7630,
-27.8646

■ 59.0400, -0.2160,
-29.6366

■ 21.5049, 0.9687,
-27.3927

■ 70.2137, -0.6413,
-30.1799

■ 14.2434, 1.0959,
-27.2758

■ 82.0149, -1.1092,
-30.6749

■ 7.8999, 1.4571,
-29.0744

■ 94.4120, -1.6165,
-31.1183

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.3775, -2.1609,
-31.5090

0.0000, NaN, NaN

120.8876, -2.7403,

0.0000, NaN, NaN

-31.8475

0.0000, NaN, NaN

134.9210, -3.3529,
-32.1348

■ 38.7321, 0.4915,
-28.4503

■ 38.7321, 0.4915,
-28.4503

■ 35.3163, 2.5897,
-35.5797

■ 42.3425, -1.0589,
-21.7916

■ 32.1228, 5.3180,
-43.2049

■ 46.1204, -2.1424,
-15.5619

■ 29.1864, 8.7465,
-51.3021

■ 50.0458, -2.8303,
-9.7083

■ 26.5425, 12.9016,
-59.7752

■ 54.1017, -3.1839,
-4.1793

■ 25.1479, 15.4683,
-64.8242

■ 58.2741, -3.2539,
1.0727

■ 62.5513, -3.0824,
6.0894

■ 66.9237, -2.7039,
10.9071

■ 71.3831, -2.1468,
15.5566

■ 75.9226, -1.4345,
20.0638

Harmonies

Analogous

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



38.7328, -11.4200, -25.3383



38.7321, 0.4915, -28.4503



38.7328, 13.1924, -21.4958

Triad

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



38.7328, 0.4916, -28.4494



38.7328, 19.4963, 13.3376



38.7328, -21.7744, 10.3447

Complementary

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



38.7321, 0.4915, -28.4503



48.3275, 3.0614, 21.8837

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.



38.7328, -15.2808, 16.4815



38.7321, 0.4915, -28.4503



38.7328, 8.2635, 17.7841

Square

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



38.7328, 0.4916, -28.4494



38.7328, 25.0289, 4.4367



38.7328, -4.5643, 18.7163



38.7328, -23.3007, -0.3742

Rectangle

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



38.7321, 0.4915, -28.4503



38.7328, 20.0833, -13.0836



38.7328, -4.5643, 18.7163



38.7328, -20.1446, 12.8903

Sweetspot

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



38.7328, 0.4916, -28.4494



71.7970, -4.2277, -7.0790



53.6880, -28.9128, 10.4770



33.5176, -1.9675, -4.0355



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



38.7328, 0.4916, -28.4494



46.7339, 4.1256, -49.8595



30.5562, 19.6684, -47.1537



27.0197, -1.5636, -0.7198



22.4987, 13.3175, -56.8702



4.4418, -0.3381, -4.8221

Inverse Universe

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



36.9915, 32.3037, 0.1695



45.2023, 52.9998, 1.6345



57.5562, -15.9601, 28.5120



26.7029, 1.2993, 1.0165



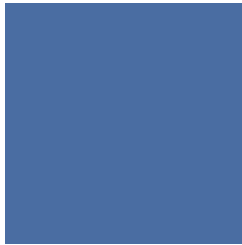
25.2094, 44.3759, 6.9563



3.7778, 6.8813, -0.7512

Previews

White Background



This preview shows how the HunterLab color 38.7321, 0.4915, -28.4503 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 38.7321, 0.4915, -28.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

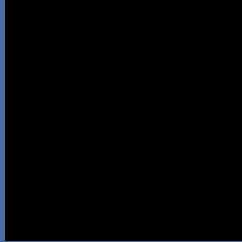
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

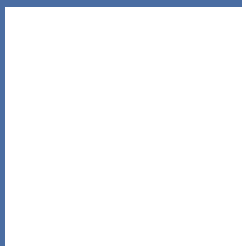
Any Text WCAG AAA × Fail

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

HunterLab 38.7321, 0.4915, -28.4503 Background



This preview shows how black text looks on a background with the HunterLab color 38.7321, 0.4915, -28.4503.

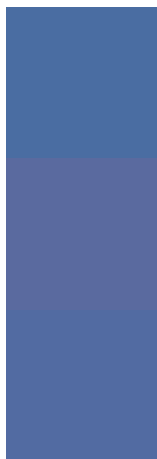


This preview shows how white text looks on a background with the HunterLab color 38.7321, 0.4915, -28.4503.

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

38.7321, 0.4915, -28.4503

Protanopia

38.7104, 4.3224, -26.3100

Deuteranopia

38.6236, 2.9282, -28.6214



Tritanopia

38.7159, -12.7230, -6.5942

Trichromacy



Original Color

38.7321, 0.4915, -28.4503

Protanomaly

38.6501, 2.8341, -27.1524

Deuteranomaly

38.7247, 1.8743, -28.4407

Tritanomaly

38.5131, -8.0166, -14.0122

Monochromacy



Original Color

38.7321, 0.4915, -28.4503

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.6751, -1.7993, -7.8794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7321, 0.4915, -28.4503 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(74, 109, 162)` looks like.

```
.text, #text, p{  
    color:rgb(74, 109, 162)  
}
```

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(74, 109, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7321, 0.4915, -28.4503 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(74, 109, 162) }
```


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

```
.border{ border-color:rgb(74, 109, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 109, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 109, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 109, 162);  
box-shadow:4px 4px 4px 4px rgb(74, 109,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7321, 0.4915, -28.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 109, 162) }
```

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

```
.background{ background-color: rgb(74, 109,  
162) }
```

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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