

Converting Colors

HunterLab(45.2604, -1.2412,
-42.2341)

Have a look what the booklet for
HunterLab(45.2604, -1.2412,
-42.2341) contains.

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Color

**HunterLab(45.2166, -1.2973,
-42.2152)**

Conversions

Conversions Part 1

Format	Color
Hex	3B80C6
RGB	59, 128, 198
RGB Percent	23%, 50%, 78%
CMY	0.7686, 0.4980, 0.2235
CMYK	0.70, 0.35, 0.00, 0.22
HSL	210°, 55%, 50%
HSV	210°, 70%, 78%
XYZ	19.7159, 20.4454, 56.3334
YIQ	115.3490, -63.5940, 7.1420

Conversions

Conversions Part 2

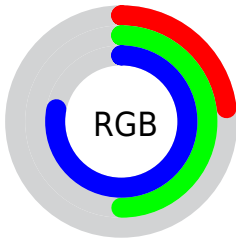
Format	Color
R_{YB}	59, 105, 198
Decimal	3899590
CIE Lab	52.34, 1.42, -42.73
CIE LCh	52, 42.758, 271.909
Yxy	20.4461, 0.2043, 0.2119
Android (android.graphics.Color)	4282089670 (0xFF3B80C6)
YUV	115.3490, 40.7469, -49.4181
Hunter-Lab	45.2166, -1.2973, -42.2152

Details

The HunterLab color **45.2166, -1.2973, -42.2152** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **52.9382, 15.0215, 28.2477**, and the grayscale version is **41.4069, -2.2094, 2.2497**.

A 20% lighter version of the original color is **66.3326, -1.9915, -43.7242**, and **27.5782, 2.4179, -39.6900** is the 20% darker color. If you saturate the color by 10%, you get **41.8050, 1.6475, -49.9835**, and if you desaturate by 10%, it is **48.8883, -3.4526, -34.7296**.

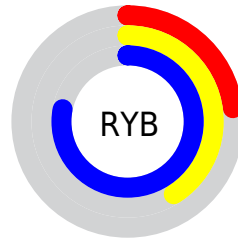
Distribution



Red (23%)

Green (50%)

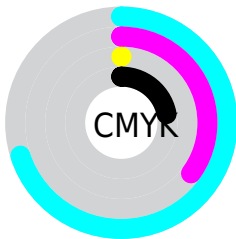
Blue (78%)



Red (23%)

Yellow (41%)

Blue (78%)

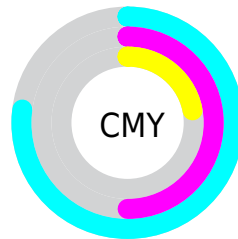


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (50%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2166, -1.2973, -42.2152 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 45.2166, -1.2973, -42.2152 by changing the saturation by 10% instead.

■ 45.2166, -1.2973,
-42.2152

■ 45.2166, -1.2973,
-42.2152

159.4741, -6.8200,
-47.6303

■ 35.6647, -0.8707,
-41.6397

■ 66.4559, -2.2794,
-43.5753

■ 26.8995, -0.4943,
-41.2880

■ 78.0538, -2.8294,
-44.2633

■ 19.0001, -0.1740,
-41.4513

■ 90.2575, -3.4151,
-44.9264

■ 12.0743, 0.0802,
-42.9020

■ 103.0383, -4.0347,
-45.5540

■ 5.0874, 0.9484,
-61.6358

■ 116.3711, -4.6864,
-46.1405

0.0000, NaN, -NF

0.0000, NaN, -NF

130.2341, -5.3686,

-46.6827

0.0000, NaN, NaN

144.6076, -6.0802,
-47.1794

0.0000, NaN, NaN

■ 45.2166, -1.2973,
-42.2152

■ 45.2166, -1.2973,
-42.2152

■ 41.8050, 1.6475,
-49.9835

■ 48.8883, -3.4526,
-34.7296

■ 38.6746, 5.4208,
-57.9796

■ 52.7925, -4.8912,
-27.5572

■ 35.8688, 9.8232,
-66.0383

■ 56.9060, -5.6938,
-20.6994

■ 61.2067, -5.9402,
-14.1423

■ 65.6754, -5.7039,
-7.8631

■ 70.2954, -5.0496,
-1.8348

■ 75.0524, -4.0331,
3.9703

■ 79.9339, -2.7017,
9.5791

■ 84.9293, -1.0955,
15.0162

Harmonies

Analogous

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



45.2173, -17.0952, -35.5089



45.2166, -1.2973, -42.2152



45.2173, 16.6330, -33.6806

Triad

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



45.2173, -1.2968, -42.2141



45.2173, 29.5827, 16.2432



45.2173, -28.2745, 15.0142

Complementary

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



45.2166, -1.2973, -42.2152



52.9382, 15.0215, 28.2477

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.



45.2173, -18.7534, 21.9816



45.2166, -1.2973, -42.2152



45.2173, 14.4155, 22.4797

Square

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



45.2173, -1.2968, -42.2141



45.2173, 36.0527, 3.5073



45.2173, -3.5227, 24.0963



45.2173, -31.1947, 1.3897

Rectangle

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



45.2166, -1.2973, -42.2152



45.2173, 26.9964, -21.8609



45.2173, -3.5227, 24.0963



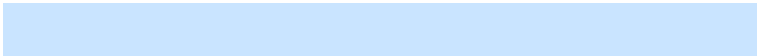
45.2173, -25.8188, 18.0051

Sweetspot

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



45.2173, -1.2968, -42.2141



86.7201, -7.6545, -11.3802



65.4908, -43.9401, 20.9393



39.3428, -3.6014, -6.3371

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.2173, -1.2968, -42.2141



53.4728, 4.5960, -71.8699



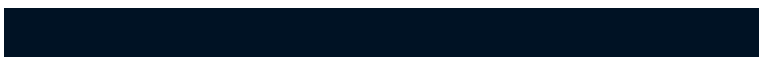
28.5240, 34.9507, -92.8641



33.3805, -2.3520, -0.6400



29.2193, 7.3405, -52.3677



7.4105, -0.3063, -8.6014

Inverse Universe

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



40.8574, 54.1028, -3.5128



49.9425, 81.6639, -0.6268



72.6019, -18.2034, 41.0382



32.7464, 1.8353, 0.8482



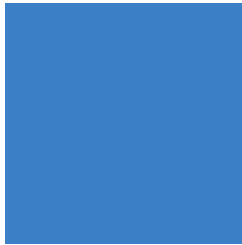
28.9860, 51.6893, 2.8393



6.4223, 11.6642, -1.0116

Previews

White Background



This preview shows how the HunterLab color 45.2166, -1.2973, -42.2152 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.2166, -1.2973, -42.2152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

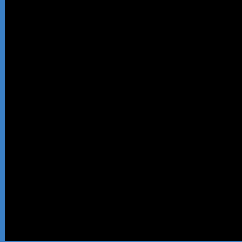
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 45.2166, -1.2973, -42.2152 Background



This preview shows how black text looks on a background with the HunterLab color 45.2166, -1.2973, -42.2152.

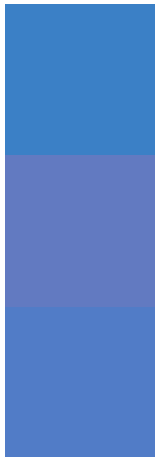


This preview shows how white text looks on a background with the HunterLab color 45.2166, -1.2973, -42.2152.

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

45.2166, -1.2973, -42.2152

Protanopia

45.1287, 6.5482, -38.3611

Deuteranopia

45.0424, 4.0400, -43.2987



Tritanopia

45.1941, -21.1686, -9.8244

Trichromacy



Original Color

45.2166, -1.2973, -42.2152

Protanomaly

44.9892, 3.4548, -40.2589

Deuteranomaly

44.9524, 2.2994, -43.5268

Tritanomaly

44.8346, -14.7325, -20.9775

Monochromacy



Original Color

45.2166, -1.2973, -42.2152

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.3204, -4.2700, -11.5266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2166, -1.2973, -42.2152 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(59, 128, 198)` looks like.

```
.text, #text, p{  
    color:rgb(59, 128, 198)  
}
```

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(59, 128, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 128, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2166, -1.2973, -42.2152 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(59, 128, 198) }
```


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

```
.border{ border-color:rgb(59, 128, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 128, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(59, 128,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2166, -1.2973, -42.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 128, 198) }
```

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

```
.background{ background-color: rgb(59, 128,  
198) }
```

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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