

Converting Colors

Hex(4458C8)

Have a look what the booklet for
Hex(4458C8) contains.

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Color

Hex(4458C8)

Conversions

Conversions Part 1

Format	Color
Hex	4458C8
RGB	68, 88, 200
RGB Percent	27%, 35%, 78%
CMY	0.7333, 0.6549, 0.2157
CMYK	0.66, 0.56, 0.00, 0.22
HSL	231°, 55%, 53%
HSV	231°, 66%, 78%
XYZ	16.2989, 12.3785, 56.1738
YIQ	94.7880, -47.8720, 30.5920

Conversions

Conversions Part 2

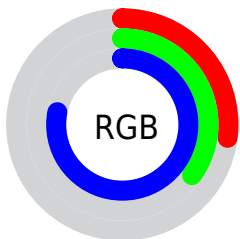
Format	Color
R _{YB}	68, 85, 200
Decimal	4479176
CIE Lab	41.81, 28.60, -60.73
CIE LCh	42, 67.128, 295.216
Yxy	12.3785, 0.1921, 0.1459
Android (android.graphics.Color)	4282669256 (0xFF4458C8)
YUV	94.7880, 51.8695, -23.4931
Hunter-Lab	35.1831, 21.1215, -70.0350

Details

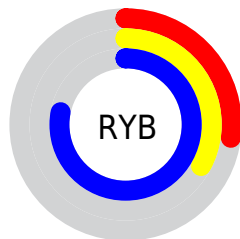
The Hex color **4458C8** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C8B444**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **828AFF**, and **002B91** is the 20% darker color. If you saturate the color by 10%, you get **3047C8**, and if you desaturate by 10%, it is **5869C8**.

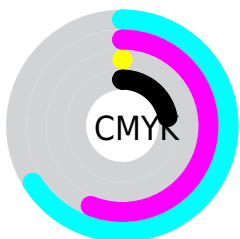
Distribution



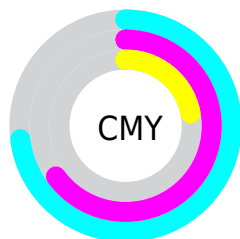
- Red (27%)
- Green (35%)
- Blue (78%)



- Red (27%)
- Yellow (33%)
- Blue (78%)



- Cyan (66%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4458C8 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 Hex color 4458C8 by changing the saturation by 10% instead.

■ 4458C8

■ 4458C8

FFFFFF

■ 1C41AC

■ 828AFF

■ 002B91

■ 9FA4FF

■ 001877

■ BDBFFF

■ 00005D

■ DBDBFF

■ 000845

■ F9F7FF

■ 00032D

■ 000118

■ 000000

■ 4458C8

■ 4458C8

■ 3047C8

■ 5869C8

■ 1C36C8

■ 6C7AC8

■ 0825C8

■ 808BC8

■ 001EC8

■ 949CC8

■ A8ADC8

■ BCBEC8

■ D0CFC8

■ E4E0C8

■ F8F1C8

Harmonies

Analogous

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



006DD2



4458C8



9B38A3

Triad

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



4458C8



A84400



007958

Complementary

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



4458C8



C8B444

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.



00761B



4458C8



805D00

Square

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



4458C8



BF2138



4B6D00



007A91

Rectangle

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



4458C8



B61E80



4B6D00



007844

Sweetspot

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



4458C8



CCD4FF



44C8B2



616680



000000



808080

Same Dimension

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



4458C8



3654FF



7044C8



5A5B63



0019A3



000524

Inverse Universe

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



C84458



FF3654



9CC844



635A5B



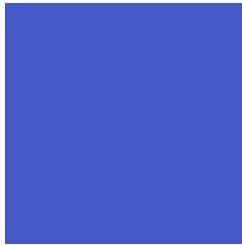
A30019



240005

Previews

White Background



This preview shows how the Hex color 4458C8 looks on a white background.

Color Contrast Check

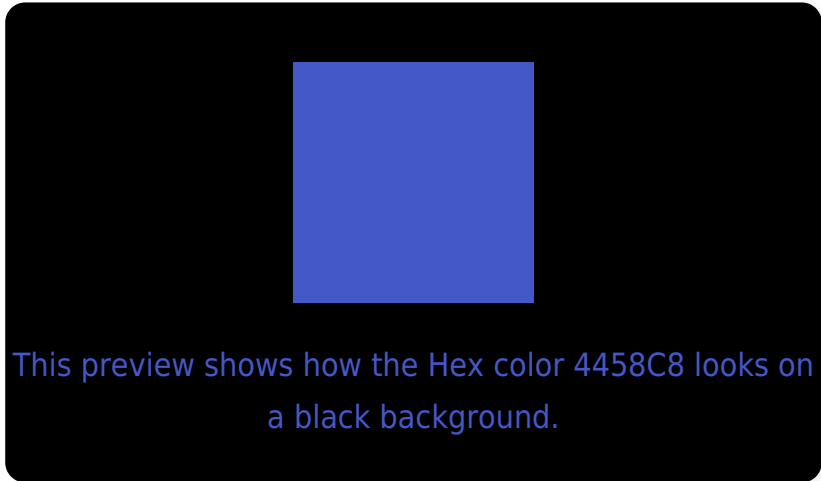
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

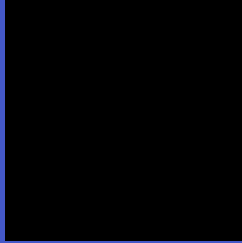
Any Text WCAG AA × Fail

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](#).

Hex 4458C8 Background



This preview shows how black text looks on a background with the Hex color 4458C8.



This preview shows how white text looks on a background with the Hex color 4458C8.

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



Trichromacy



Original Color
4458C8

Protanomaly
195CC9

Tritanomaly
196594

Monochromacy



Original Color
4458C8

Achromatopsia
5F5F5F

Achromatomaly
555C85

CSS Examples

Text

The CSS property to change the color of the text to Hex 4458C8 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 #4458C8 looks like.

```
.text, #text, p{  
    color:#4458C8  
}
```

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 #4458C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4458C8
}
```

Border

The CSS property to change the border of an element to Hex 4458C8 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
#4458C8 }
```

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

```
.border{ border-color:#4458C8 }
```

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

Here you see how a box with a 4 pixel #4458C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4458C8; -webkit-box-shadow:4px 4px  
4px 4px #4458C8; box-shadow:4px 4px 4px  
4px #4458C8 }
```

Background

The CSS property to change the background color of an element to Hex 4458C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4458C8 }
```

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

```
.background{ background-color:#4458C8 }
```

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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