

# Converting Colors

Hex(458DC8)

Have a look what the booklet for  
Hex(458DC8) contains.

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# Color

**Hex(458DC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	458DC8
RGB	69, 141, 200
RGB Percent	27%, 55%, 78%
CMY	0.7294, 0.4471, 0.2157
CMYK	0.66, 0.29, 0.00, 0.22
HSL	207°, 54%, 53%
HSV	207°, 65%, 78%
XYZ	22.4044, 24.4851, 58.1888
YIQ	126.1980, -61.8510, 3.0850

# Conversions

## Conversions Part 2

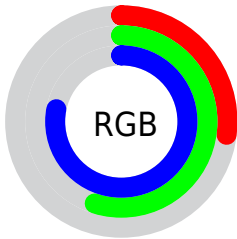
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 115, 200
Decimal	4558280
CIE <sub>Lab</sub>	56.57, -3.94, -37.18
CIE <sub>LCh</sub>	57, 37.389, 263.954
Yxy	24.4851, 0.2132, 0.2330
Android (android.graphics.Color)	4282748360 (0xFF458DC8)
YUV	126.1980, 36.3844, -50.1626
Hunter-Lab	49.4824, -5.7737, -35.0844

# Details

The Hex color **458DC8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C88045**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **81C2FF**, and **005B92** is the 20% darker color. If you saturate the color by 10%, you get **3184C8**, and if you desaturate by 10%, it is **5996C8**.

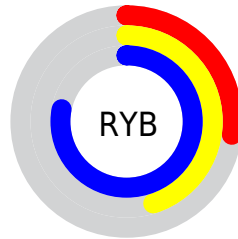
# Distribution



Red (27%)

Green (55%)

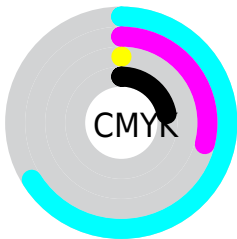
Blue (78%)



Red (27%)

Yellow (45%)

Blue (78%)

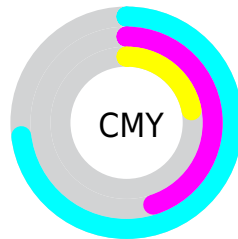


Cyan (66%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 458DC8 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 458DC8 by changing the saturation by 10% instead.



■ 458DC8

■ 458DC8

FFFFFF

■ 2074AC

■ 81C2FF

■ 005B92

■ 9FDEFF

■ 004478

■ BCFBFF

■ 002E5F

■ DAFFFF

■ 001A47

■ F8FFFF

■ 000430

■ 00011A

■ 000000

■ 458DC8

■ 458DC8

■ 3184C8

■ 5996C8

■ 1D7BC8

■ 6D9FC8

■ 0972C8

■ 81A8C8

■ 006EC8

■ 95B1C8

■ A9BAC8

■ BDC3C8

■ D1CCC8

■ E5D5C8

■ F9DEC8

# Harmonies

## Analogous

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



0095BB



458DC8



8182C3

# Triad

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



458DC8



C66F6F



5B9560

# Complementary

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



458DC8



C88045

# 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.



828E4B



458DC8



BA7854

# Square

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



458DC8



C16E90



A28446



259880

# Rectangle

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



458DC8



9E79B7



A28446



699357

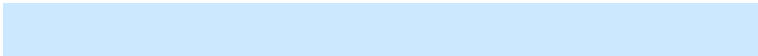


# Sweetspot

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



458DC8



CCE8FF



45C880



617280



000000



808080



# Same Dimension

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



458DC8



36A4FF



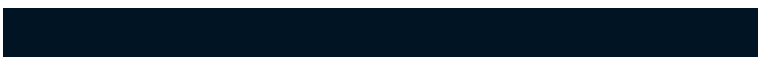
454CC8



5A5F63



005AA3



001424



# Inverse Universe

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



C8458D



FF36A4



C8C145



635A5F



A3005A



240014



# Previews

## White Background



This preview shows how the Hex color 458DC8 looks on a white background.

## Color Contrast Check

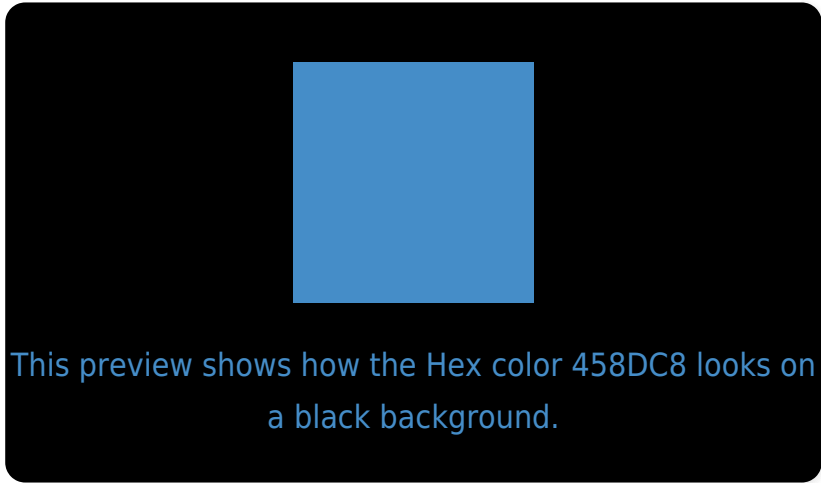
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

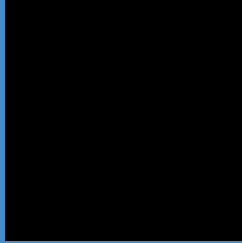
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 458DC8 Background



This preview shows how black text looks on a background with the Hex color 458DC8.

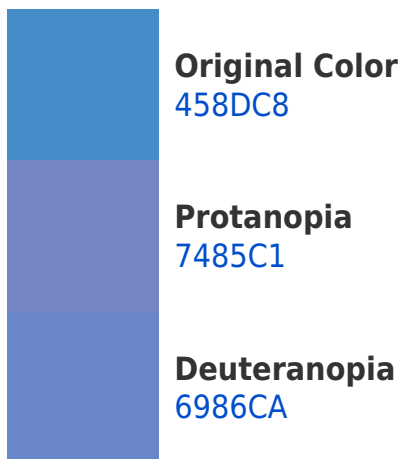


This preview shows how white text looks on a background with the Hex color 458DC8.

# 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](#).

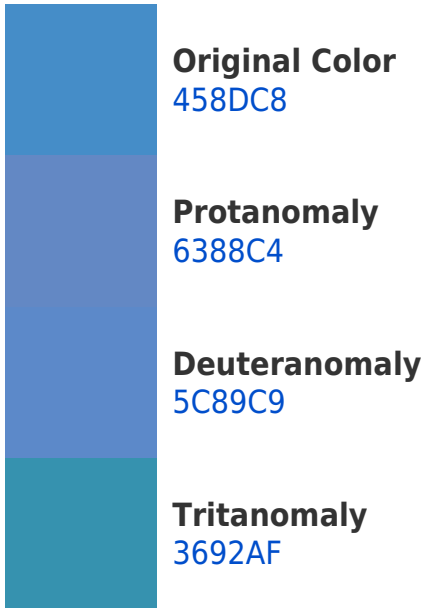
## Dichromacy





**Tritanopia**  
2E95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 458DC8 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 #458DC8 looks like.

```
.text, #text, p{  
    color:#458DC8  
}
```

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 #458DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458DC8  
}
```

## Border

The CSS property to change the border of an element to Hex 458DC8 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  
#458DC8 }
```

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

```
.border{ border-color:#458DC8 }
```

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

Here you see how a box with a 4 pixel #458DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458DC8; -webkit-box-shadow:4px 4px  
4px 4px #458DC8; box-shadow:4px 4px 4px  
4px #458DC8 }
```

# Background

The CSS property to change the background color of an element to Hex 458DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458DC8 }
```

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

```
.background{ background-color:#458DC8 }
```

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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