

Converting Colors

Hex(2458B2)

Have a look what the booklet for
Hex(2458B2) contains.

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Color

Hex(2458B2)

Conversions

Conversions Part 1

Format	Color
Hex	2458B2
RGB	36, 88, 178
RGB Percent	14%, 35%, 70%
CMY	0.8588, 0.6549, 0.3020
CMYK	0.80, 0.51, 0.00, 0.30
HSL	218°, 66%, 42%
HSV	218°, 80%, 70%
XYZ	12.2532, 10.5689, 43.5137
YIQ	82.7120, -59.8820, 16.9660

Conversions

Conversions Part 2

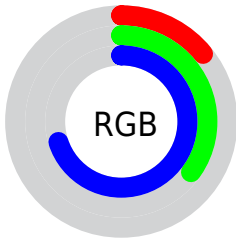
Format	Color
R _Y B	36, 74, 178
Decimal	2382002
CIE Lab	38.84, 16.19, -52.76
CIE LCh	39, 55.184, 287.055
Yxy	10.5689, 0.1847, 0.1593
Android (android.graphics.Color)	4280572082 (0xFF2458B2)
YUV	82.7120, 46.9770, -40.9664
Hunter-Lab	32.5098, 10.3857, -56.6015

Details

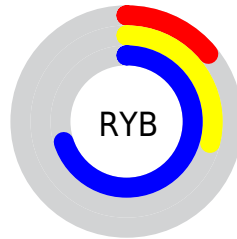
The Hex color **2458B2** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B27E24**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6889EA**, and **002C7C** is the 20% darker color. If you saturate the color by 10%, you get **124DB2**, and if you desaturate by 10%, it is **3663B2**.

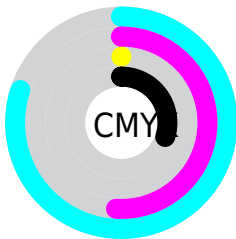
Distribution



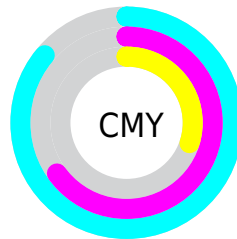
- Red (14%)
- Green (35%)
- Blue (70%)



- Red (14%)
- Yellow (29%)
- Blue (70%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (30%)



- Cyan (86%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2458B2 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 2458B2 by changing the saturation by 10% instead.

■ 2458B2

■ 2458B2

FFFFFF

■ 004197

■ 6889EA

■ 002C7C

■ 85A3FF

■ 001963

■ A3BEFF

■ 00004A

■ C0DAFF

■ 000433

■ DEF6FF

■ 00021D

■ FCFFF

■ 000000

■ 2458B2

■ 2458B2

■ 124DB2

■ 3663B2

0041B2

486FB2

597AB2

6B85B2

7D90B2

8F9CB2

A1A7B2

B2B2B2

C4BEB2

Harmonies

Analogous

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



0066B3



2458B2



7D4299

Triad

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



2458B2



9C3E19



006E46

Complementary

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



2458B2



B27E24

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.



1A6A16



2458B2



7F5200

Square

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



2458B2



AA2A44



576100



006F75

Rectangle

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



2458B2



98337F



576100



006D36

Sweetspot

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



2458B2



B0C5E8



24B27E



536075



F5F5F5



757575

Same Dimension

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



2458B2



095BE8



3724B2



505459



003899



00091A

Inverse Universe

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



B22458



E8095B



9FB224



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color 2458B2 looks on a white background.

Color Contrast Check

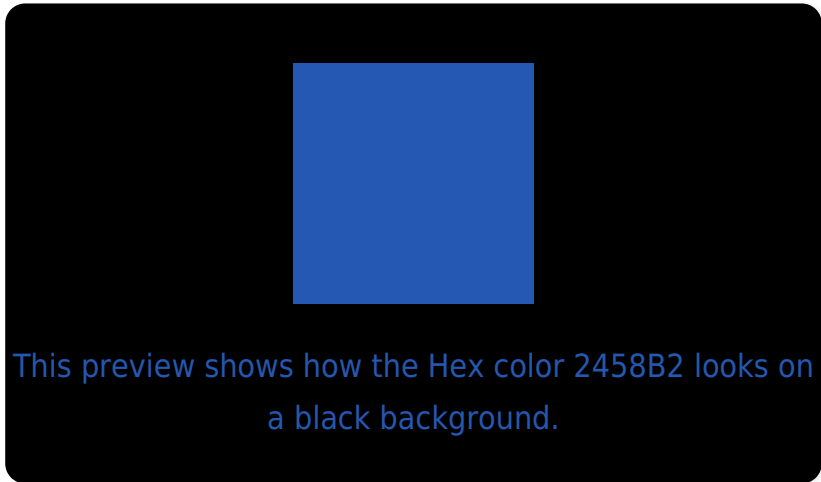
Large Text (above 18pt) WCAG AA ✓ Pass

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

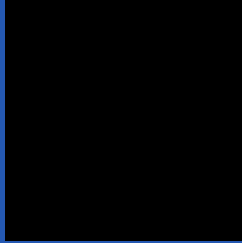
Any Text WCAG AA × Fail

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 2458B2 Background



This preview shows how black text looks on a background with the Hex color 2458B2.



This preview shows how white text looks on a background with the Hex color 2458B2.

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](#).

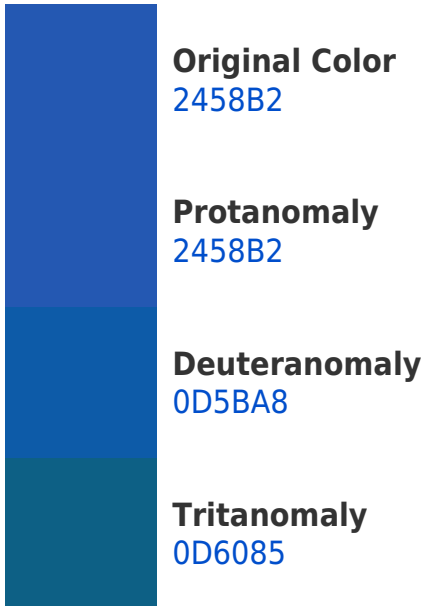
Dichromacy



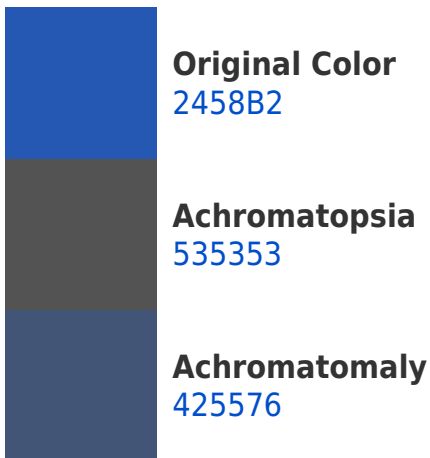


Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2458B2 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 #2458B2 looks like.

```
.text, #text, p{  
    color:#2458B2  
}
```

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 #2458B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2458B2
}
```

Border

The CSS property to change the border of an element to Hex 2458B2 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
#2458B2 }
```

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

```
.border{ border-color:#2458B2 }
```

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

Here you see how a box with a 4 pixel #2458B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2458B2; -webkit-box-shadow:4px 4px  
4px 4px #2458B2; box-shadow:4px 4px 4px  
4px #2458B2 }
```

Background

The CSS property to change the background color of an element to Hex 2458B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2458B2 }
```

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

```
.background{ background-color:#2458B2 }
```

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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