

Converting Colors

Hex(2658C8)

Have a look what the booklet for
Hex(2658C8) contains.

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Color

Hex(2658C8)

Conversions

Conversions Part 1

Format	Color
Hex	2658C8
RGB	38, 88, 200
RGB Percent	15%, 35%, 78%
CMY	0.8510, 0.6549, 0.2157
CMYK	0.81, 0.56, 0.00, 0.22
HSL	221°, 68%, 47%
HSV	221°, 81%, 78%
XYZ	14.7144, 11.5616, 56.0997
YIQ	85.8180, -65.7520, 24.2320

Conversions

Conversions Part 2

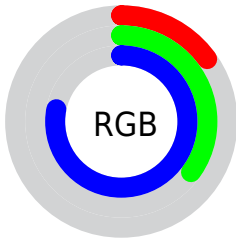
Format	Color
R_{YB}	38, 76, 200
Decimal	2513096
CIE _{Lab}	40.51, 24.89, -62.90
CIE _{LCh}	41, 67.650, 291.592
Yxy	11.5616, 0.1786, 0.1404
Android (android.graphics.Color)	4280703176 (0xFF2658C8)
YUV	85.8180, 56.2917, -41.9364
Hunter-Lab	34.0024, 17.7407, -74.0193

Details

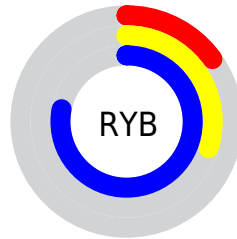
The Hex color **2658C8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C89626**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6E89FF**, and **002C91** is the 20% darker color. If you saturate the color by 10%, you get **124AC8**, and if you desaturate by 10%, it is **3A66C8**.

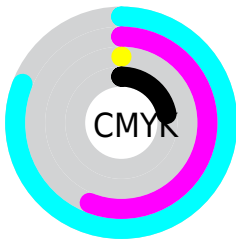
Distribution



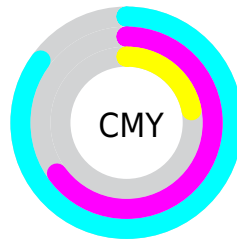
- Red (15%)
- Green (35%)
- Blue (78%)



- Red (15%)
- Yellow (30%)
- Blue (78%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2658C8 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 2658C8 by changing the saturation by 10% instead.

 2658C8

 2658C8

FFFFFF

 0041AC

 6E89FF

 002C91

 8DA3FF

 001977

 ABBEFF

 00005D

 C9DAFF

 000844

 E8F6FF

 00032D

 000118

 000000

 2658C8

 2658C8

■ 124AC8

■ 3A66C8

■ 003EC8

■ 4E74C8

■ 6281C8

■ 768FC8

■ 8A9DC8

■ 9EABC8

■ B2B9C8

■ C6C7C8

■ DAD4C8

Harmonies

Analogous

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



006BCE



2658C8



9138A5

Triad

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



2658C8



A83C00



00764E

Complementary

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



2658C8



C89626

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.



00720C



2658C8



825800

Square

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



2658C8



BC143B



4F6900



007787

Rectangle

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



2658C8



AF1C84



4F6900



00753A

Sweetspot

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



2658C8



C2D5FF



26C895



5B6680



000000



808080

Same Dimension

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



2658C8



0854FF



4426C8



5A5D63



0032A3



000B24

Inverse Universe

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



C82658



FF0854



AAC826



635A5D



A30032



24000B

Previews

White Background



This preview shows how the Hex color 2658C8 looks on a white background.

Color Contrast Check

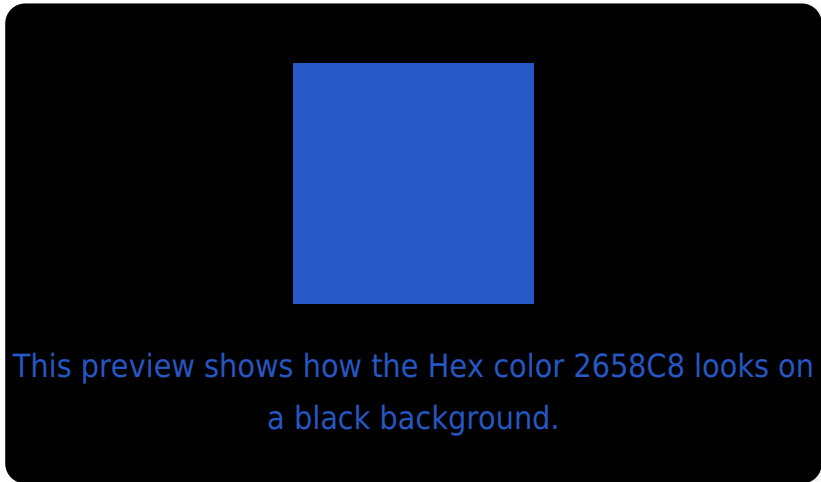
Large Text (above 18pt) WCAG AA ✓ Pass

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

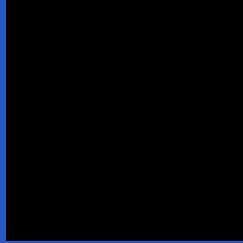
Any Text WCAG AA × Fail

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 2658C8 Background



This preview shows how black text looks on a background with the Hex color 2658C8.



This preview shows how white text looks on a background with the Hex color 2658C8.

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
006A70

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2658C8 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 #2658C8 looks like.

```
.text, #text, p{  
    color:#2658C8  
}
```

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 #2658C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2658C8
}
```

Border

The CSS property to change the border of an element to Hex 2658C8 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
#2658C8 }
```

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

```
.border{ border-color:#2658C8 }
```

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

Here you see how a box with a 4 pixel #2658C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2658C8; -webkit-box-shadow:4px 4px  
4px 4px #2658C8; box-shadow:4px 4px 4px  
4px #2658C8 }
```

Background

The CSS property to change the background color of an element to Hex 2658C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2658C8 }
```

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

```
.background{ background-color:#2658C8 }
```

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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