

Converting Colors

Hex(2645C9)

Have a look what the booklet for
Hex(2645C9) contains.

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Color

Hex(2645C9)

Conversions

Conversions Part 1

Format	Color
Hex	2645C9
RGB	38, 69, 201
RGB Percent	15%, 27%, 79%
CMY	0.8510, 0.7294, 0.2118
CMYK	0.81, 0.66, 0.00, 0.21
HSL	229°, 68%, 47%
HSV	229°, 81%, 79%
XYZ	13.4701, 8.8854, 56.2634
YIQ	74.7790, -60.8480, 34.4800

Conversions

Conversions Part 2

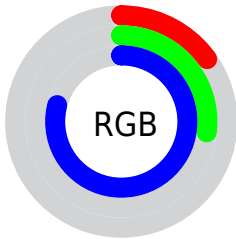
Format	Color
R_{YB}	38, 64, 201
Decimal	2508233
CIE Lab	35.76, 37.57, -71.25
CIE LCh	36, 80.544, 297.803
Yxy	8.8854, 0.1713, 0.1130
Android (android.graphics.Color)	4280698313 (0xFF2645C9)
YUV	74.7790, 62.2270, -32.2552
Hunter-Lab	29.8083, 28.4977, -91.0445

Details

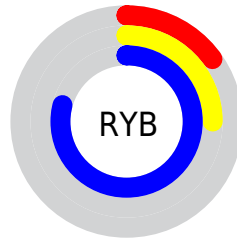
The Hex color **2645C9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C9AA26**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7075FF**, and **001B92** is the 20% darker color. If you saturate the color by 10%, you get **1235C9**, and if you desaturate by 10%, it is **3A55C9**.

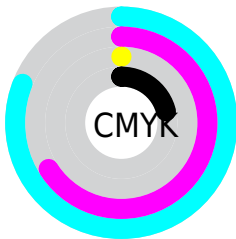
Distribution



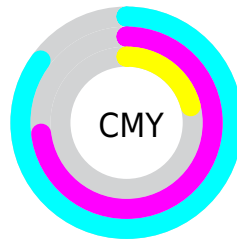
- Red (15%)
- Green (27%)
- Blue (79%)



- Red (15%)
- Yellow (25%)
- Blue (79%)



- Cyan (81%)
- Magenta (66%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (73%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2645C9 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 2645C9 by changing the saturation by 10% instead.

 2645C9

 2645C9

FFFFFF

 002FAD

 7075FF

 001B92

 8F8FFF

 000877

 AEA9FF

 00005D

 CCC5FF

 000845

 EBE1FF

 00032D

 FFFDFF

 000118

 000000

 2645C9

 2645C9

■ 1235C9

■ 3A55C9

■ 0026C9

■ 4E66C9

■ 6276C9

■ 7686C9

■ 8B96C9

■ 9FA7C9

■ B3B7C9

■ C7C7C9

■ DBD7C9

Harmonies

Analogous

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



0060D8



2645C9



98009A

Triad

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



2645C9



9B2F00



006C4D

Complementary

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



2645C9



C9AA26

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.



006800



2645C9



6C5100

Square

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



2645C9



B9001D



286100



006D8F

Rectangle

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



2645C9



B50071



286100



006B36

Sweetspot

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



2645C9



C2CDFF



26C9A8



5B6280



000000



808080

Same Dimension

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



2645C9



0837FF



5726C9



5A5B63



001FA3



000724

Inverse Universe

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



C92645



FF0837



98C926



635A5B



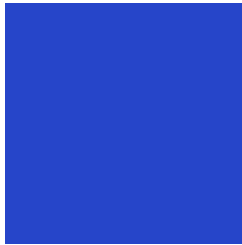
A3001F



240007

Previews

White Background



This preview shows how the Hex color 2645C9 looks on a white background.

Color Contrast Check

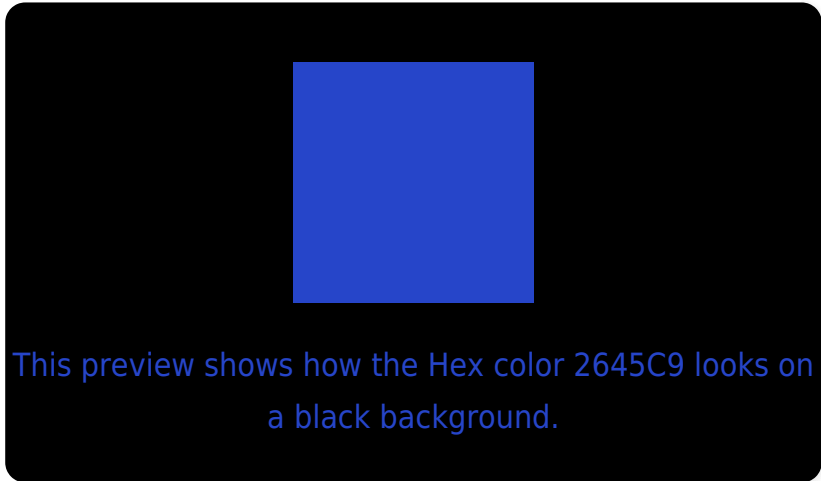
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

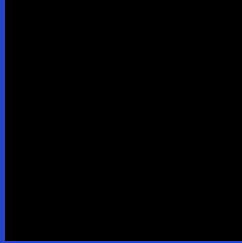
Any Text WCAG AA × Fail

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 2645C9 Background



This preview shows how black text looks on a background with the Hex color 2645C9.

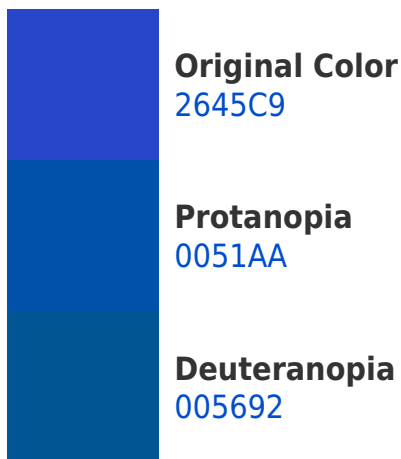


This preview shows how white text looks on a background with the Hex color 2645C9.

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
005D62

Trichromacy



Original Color
2645C9

Protanomaly
0E4DB5

Deuteranomaly
0E50A6

Tritanomaly
0E5487

Monochromacy



Original Color
2645C9

Achromatopsia
4B4B4B

Achromatomaly
3E4979

CSS Examples

Text

The CSS property to change the color of the text to Hex 2645C9 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 #2645C9 looks like.

```
.text, #text, p{  
    color:#2645C9  
}
```

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 #2645C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2645C9
}
```

Border

The CSS property to change the border of an element to Hex 2645C9 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
#2645C9 }
```

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

```
.border{ border-color:#2645C9 }
```

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

Here you see how a box with a 4 pixel #2645C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2645C9; -webkit-box-shadow:4px 4px  
4px 4px #2645C9; box-shadow:4px 4px 4px  
4px #2645C9 }
```

Background

The CSS property to change the background color of an element to Hex 2645C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2645C9 }
```

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

```
.background{ background-color:#2645C9 }
```

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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