

Converting Colors

Hex(2640B9)

Have a look what the booklet for
Hex(2640B9) contains.

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Color

Hex(2640B9)

Conversions

Conversions Part 1

Format	Color
Hex	2640B9
RGB	38, 64, 185
RGB Percent	15%, 25%, 73%
CMY	0.8510, 0.7490, 0.2745
CMYK	0.79, 0.65, 0.00, 0.27
HSL	229°, 66%, 44%
HSV	229°, 79%, 73%
XYZ	11.3897, 7.5816, 46.7620
YIQ	70.0200, -54.3370, 32.1190

Conversions

Conversions Part 2

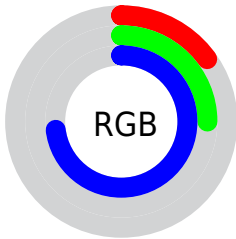
Format	Color
R_{YB}	38, 60, 185
Decimal	2506937
CIE _{Lab}	33.10, 34.89, -66.25
CIE _{LCh}	33, 74.871, 297.771
Yxy	7.5816, 0.1733, 0.1153
Android (android.graphics.Color)	4280697017 (0xFF2640B9)
YUV	70.0200, 56.6851, -28.0815
Hunter-Lab	27.5348, 25.6501, -81.4173

Details

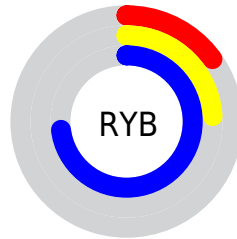
The Hex color **2640B9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B99F26**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6C70F2**, and **001683** is the 20% darker color. If you saturate the color by 10%, you get **1431B9**, and if you desaturate by 10%, it is **394FB9**.

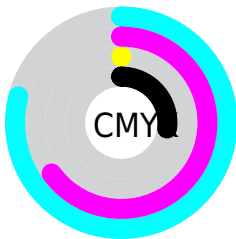
Distribution



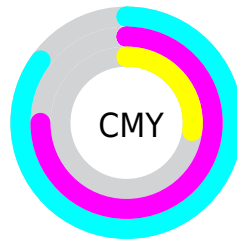
- Red (15%)
- Green (25%)
- Blue (73%)



- Red (15%)
- Yellow (24%)
- Blue (73%)



- Cyan (79%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2640B9 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 2640B9 by changing the saturation by 10% instead.

■ 2640B9

■ 2640B9

FFFFFF

■ 002A9D

■ 6C70F2

■ 001683

■ 8A89FF

■ 000069

■ A8A3FF

■ 00064F

■ C6BFFF

■ 000538

■ E5DAFF

■ 000221

■ FFF7FF

■ 000006

■ 000000

■ 2640B9

■ 2640B9

■ 1431B9

■ 394FB9

■ 0122B9

■ 4B5EB9

■ 0021B9

■ 5E6EB9

■ 707DB9

■ 838CB9

■ 959BB9

■ A8ABB9

■ BABAB9

■ CDC9B9

Harmonies

Analogous

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



0058C7



2640B9



8D008E

Triad

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



2640B9



8F2C00



006448

Complementary

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



2640B9



B99F26

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.



006100



2640B9



644B00

Square

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



2640B9



AA001C



265A00



006584

Rectangle

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



2640B9



A60069



265A00



006332

Sweetspot

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



2640B9



B6C0F0



26B99E



555B78



F7F7F7



787878

Same Dimension

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



2640B9



0C34F0



5526B9



53545C



001C9C



00051C

Inverse Universe

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



B92640



F00C34



8AB926



5C5354



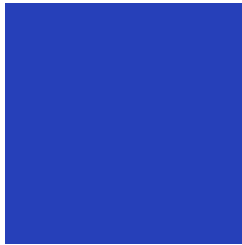
9C001C



1C0005

Previews

White Background



This preview shows how the Hex color 2640B9 looks on a white background.

Color Contrast Check

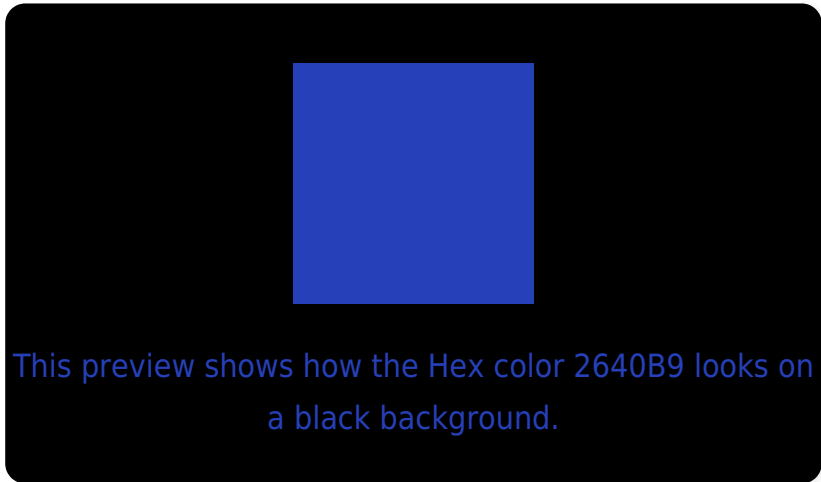
Large Text (above 18pt) WCAG AA ✓ Pass

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

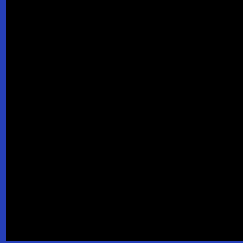
Any Text WCAG AA × Fail

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 2640B9 Background



This preview shows how black text looks on a background with the Hex color 2640B9.



This preview shows how white text looks on a background with the Hex color 2640B9.

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



Original Color
2640B9

Protanopia
004B9E

Deuteranopia
005087



Tritanopia
00565B

Trichromacy



Original Color
2640B9

Protanomaly
0E47A8

Deuteranomaly
0E4A99

Tritanomaly
0E4E7D

Monochromacy



Original Color
2640B9

Achromatopsia
464646

Achromatomaly
3A4470

CSS Examples

Text

The CSS property to change the color of the text to Hex 2640B9 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 #2640B9 looks like.

```
.text, #text, p{  
    color:#2640B9  
}
```

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 #2640B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2640B9
}
```

Border

The CSS property to change the border of an element to Hex 2640B9 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
#2640B9 }
```

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

```
.border{ border-color:#2640B9 }
```

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

Here you see how a box with a 4 pixel #2640B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2640B9; -webkit-box-shadow:4px 4px  
4px 4px #2640B9; box-shadow:4px 4px 4px  
4px #2640B9 }
```

Background

The CSS property to change the background color of an element to Hex 2640B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2640B9 }
```

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

```
.background{ background-color:#2640B9 }
```

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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