

Converting Colors

Hex(2647BD)

Have a look what the booklet for
Hex(2647BD) contains.

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Color

Hex(2647BD)

Conversions

Conversions Part 1

Format	Color
Hex	2647BD
RGB	38, 71, 189
RGB Percent	15%, 28%, 74%
CMY	0.8510, 0.7216, 0.2588
CMYK	0.80, 0.62, 0.00, 0.26
HSL	227°, 67%, 45%
HSV	227°, 80%, 74%
XYZ	12.2379, 8.5927, 49.1577
YIQ	74.5850, -57.5460, 29.7020

Conversions

Conversions Part 2

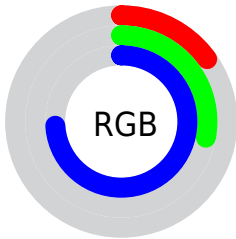
Format	Color
R_{YB}	38, 65, 189
Decimal	2508733
CIE _{Lab}	35.19, 31.84, -65.17
CIE _{LCh}	35, 72.536, 296.039
Yxy	8.5927, 0.1749, 0.1228
Android (android.graphics.Color)	4280698813 (0xFF2647BD)
YUV	74.5850, 56.4066, -32.0850
Hunter-Lab	29.3133, 23.2231, -78.9087

Details

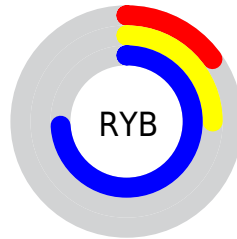
The Hex color **2647BD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BD9C26**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6D77F6**, and **001D86** is the 20% darker color. If you saturate the color by 10%, you get **1338BD**, and if you desaturate by 10%, it is **3956BD**.

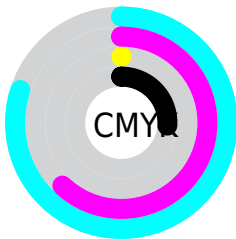
Distribution



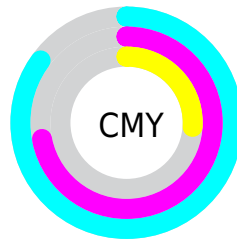
- Red (15%)
- Green (28%)
- Blue (74%)



- Red (15%)
- Yellow (25%)
- Blue (74%)



- Cyan (80%)
- Magenta (62%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (72%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2647BD 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 2647BD by changing the saturation by 10% instead.

■ 2647BD

■ 2647BD

FFFFFF

■ 0031A1

■ 6D77F6

■ 001D86

■ 8B91FF

■ 000A6C

■ A9ABFF

■ 000353

■ C7C6FF

■ 00063B

■ E5E2FF

■ 000224

■ 00000C

■ 000000

■ 2647BD

■ 2647BD

■ 1338BD

■ 3956BD

■ 0029BD

■ 4C65BD

■ 5F73BD

■ 7282BD

■ 8491BD

■ 97A0BD

■ AAAEBD

■ BDBDBD

■ D0CCBD

Harmonies

Analogous

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



005EC9



2647BD



8E1A95

Triad

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



2647BD



963000



006949

Complementary

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



2647BD



BD9C26

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.



006500



2647BD



6C4E00

Square

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



2647BD



AF0025



345E00



006A85

Rectangle

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



2647BD



A90070



345E00



006834

Sweetspot

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



2647BD



BAC7F5



26BD9A



575F7A



FAFAFA



7A7A7A

Same Dimension

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



2647BD



0A3DF5



4E26BD



55575E



00239E



00071F

Inverse Universe

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



BD2647



F50A3D



95BD26



5E5557



9E0023



1F0007

Previews

White Background



This preview shows how the Hex color 2647BD looks on a white background.

Color Contrast Check

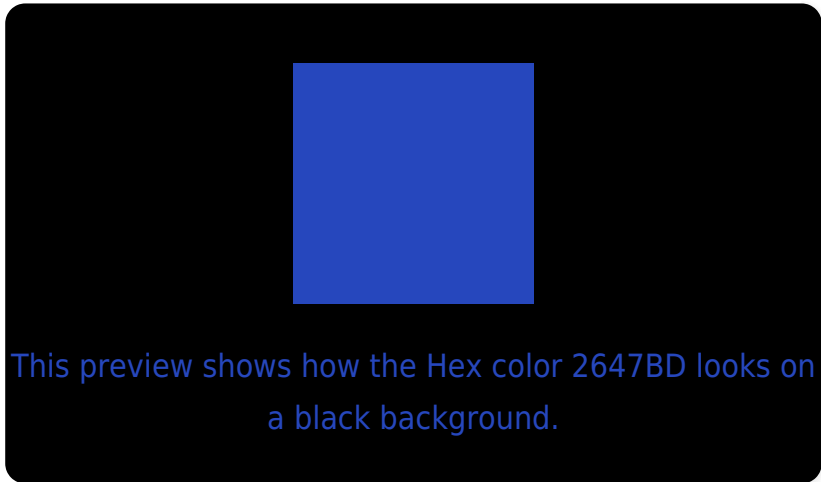
Large Text (above 18pt) WCAG AA ✓ Pass

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

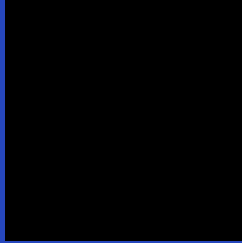
Any Text WCAG AA × Fail

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 2647BD Background



This preview shows how black text looks on a background with the Hex color 2647BD.

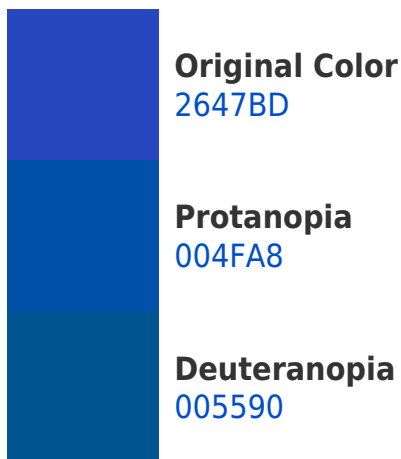


This preview shows how white text looks on a background with the Hex color 2647BD.

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
005C61

Trichromacy



Original Color
2647BD

Protanomaly
0E4CB0

Deuteranomaly
0E50A0

Tritanomaly
0E5482

Monochromacy



Original Color
2647BD

Achromatopsia
4B4B4B

Achromatomaly
3E4A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2647BD 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 #2647BD looks like.

```
.text, #text, p{  
    color:#2647BD  
}
```

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 #2647BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2647BD
}
```

Border

The CSS property to change the border of an element to Hex 2647BD 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".

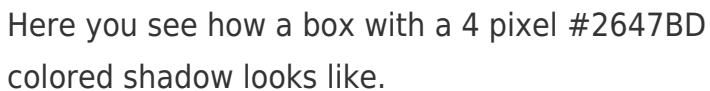
```
.border, #border, table{ border:4px solid
#2647BD }
```

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

```
.border{ border-color:#2647BD }
```

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

Here you see how a box with a 4 pixel #2647BD colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2647BD; -webkit-box-shadow:4px 4px  
4px 4px #2647BD; box-shadow:4px 4px 4px  
4px #2647BD }
```

Background

The CSS property to change the background color of an element to Hex 2647BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2647BD }
```

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

```
.background{ background-color:#2647BD }
```

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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