

Converting Colors

Hex(2954BD)

Have a look what the booklet for
Hex(2954BD) contains.

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Color

Hex(2954BD)

Conversions

Conversions Part 1

Format	Color
Hex	2954BD
RGB	41, 84, 189
RGB Percent	16%, 33%, 74%
CMY	0.8392, 0.6706, 0.2588
CMYK	0.78, 0.56, 0.00, 0.26
HSL	223°, 64%, 45%
HSV	223°, 78%, 74%
XYZ	13.2701, 10.4862, 49.4687
YIQ	83.1130, -59.3330, 23.5390

Conversions

Conversions Part 2

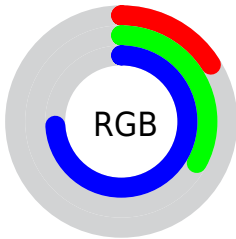
Format	Color
R _Y B	41, 74, 189
Decimal	2708669
CIE Lab	38.70, 23.61, -59.44
CIE LCh	39, 63.955, 291.660
Yxy	10.4862, 0.1812, 0.1432
Android (android.graphics.Color)	4280898749 (0xFF2954BD)
YUV	83.1130, 52.2023, -36.9331
Hunter-Lab	32.3824, 16.4789, -67.9063

Details

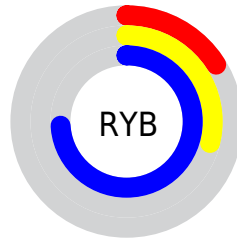
The Hex color **2954BD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BD9229**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6D85F6**, and **002887** is the 20% darker color. If you saturate the color by 10%, you get **1647BD**, and if you desaturate by 10%, it is **3C61BD**.

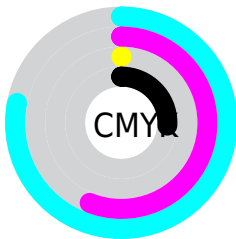
Distribution



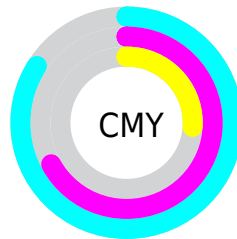
- Red (16%)
- Green (33%)
- Blue (74%)



- Red (16%)
- Yellow (29%)
- Blue (74%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (26%)



- Cyan (84%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2954BD 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 2954BD by changing the saturation by 10% instead.

 2954BD

 2954BD

FFFFFF

 003DA1

 6D85F6

 002887

 8B9FFF

 00166D

 A9BAFF

 000054

 C7D5FF

 00063B

 E5F2FF

 000225

 00010D

 000000

 2954BD

 2954BD

■ 1647BD

■ 3C61BD

■ 0339BD

■ 4F6FBD

■ 0037BD

■ 627CBD

■ 758ABD

■ 8797BD

■ 9AA4BD

■ ADB2BD

■ C0BFBD

■ D3CDBD

Harmonies

Analogous

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



0066C3



2954BD



89379C

Triad

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



2954BD



9F3B00



00704A

Complementary

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



2954BD



BD9229

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.



006C0F



2954BD



7C5400

Square

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



2954BD



B31839



4C6400



007180

Rectangle

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



2954BD



A61E7D



4C6400



006F38

Sweetspot

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



2954BD



BCCDF5



29BD91



58627A



FAFAFA



7A7A7A

Same Dimension

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



2954BD



0F52F5



4729BD



55585E



002E9E



00091F

Inverse Universe

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



BD2954



F50F52



9FBD29



5E5558



9E002E



1F0009

Previews

White Background



This preview shows how the Hex color 2954BD looks on a white background.

Color Contrast Check

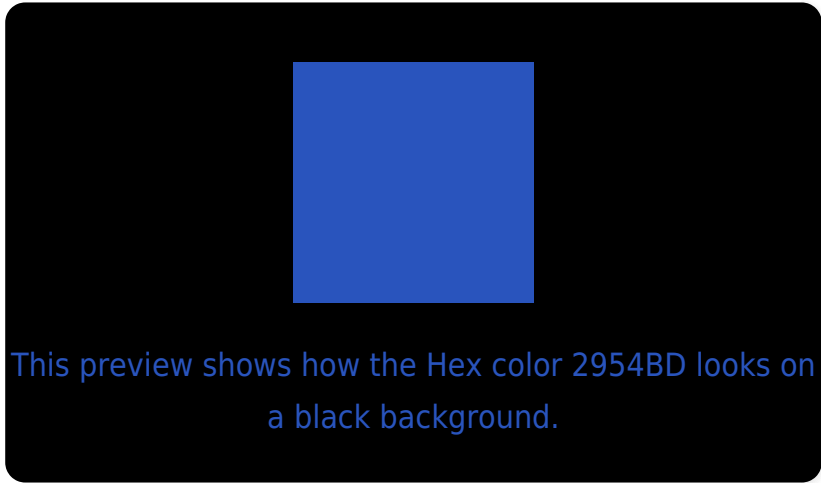
Large Text (above 18pt) WCAG AA ✓ Pass

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

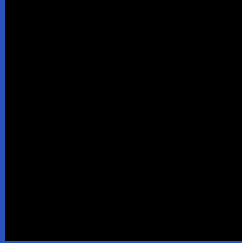
Any Text WCAG AA × Fail

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 2954BD Background



This preview shows how black text looks on a background with the Hex color 2954BD.

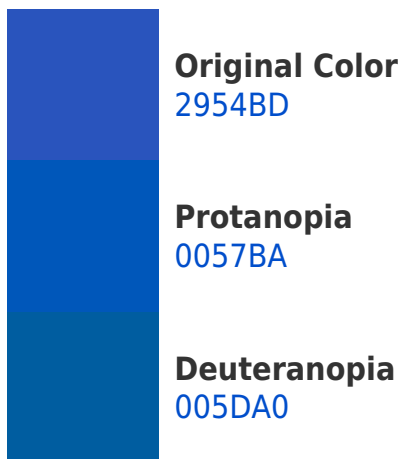


This preview shows how white text looks on a background with the Hex color 2954BD.

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](#).

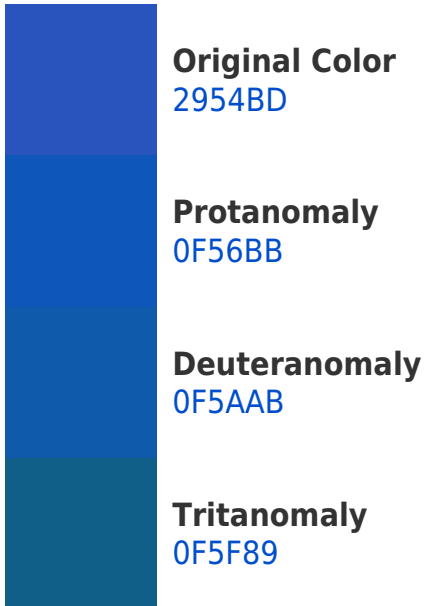
Dichromacy



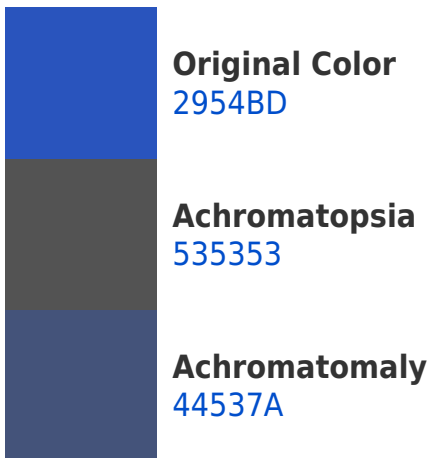


Tritanopia
00656B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2954BD 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 #2954BD looks like.

```
.text, #text, p{  
    color:#2954BD  
}
```

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 #2954BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2954BD
}
```

Border

The CSS property to change the border of an element to Hex 2954BD 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
#2954BD }
```

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

```
.border{ border-color:#2954BD }
```

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

Here you see how a box with a 4 pixel #2954BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2954BD; -webkit-box-shadow:4px 4px  
4px 4px #2954BD; box-shadow:4px 4px 4px  
4px #2954BD }
```

Background

The CSS property to change the background color of an element to Hex 2954BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2954BD }
```

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

```
.background{ background-color:#2954BD }
```

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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