

# Converting Colors

Hex(2547DB)

Have a look what the booklet for  
Hex(2547DB) contains.

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# Color

**Hex(2547DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2547DB
RGB	37, 71, 219
RGB Percent	15%, 28%, 86%
CMY	0.8549, 0.7216, 0.1412
CMYK	0.83, 0.68, 0.00, 0.14
HSL	229°, 72%, 50%
HSV	229°, 83%, 86%
XYZ	15.8024, 10.0143, 68.1179
YIQ	77.7060, -67.7720, 38.8200

# Conversions

## Conversions Part 2

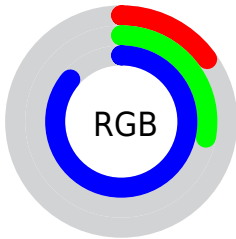
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 66, 219
Decimal	2443227
CIE <sub>Lab</sub>	37.87, 42.75, -78.18
CIE <sub>LCh</sub>	38, 89.100, 298.669
Yxy	10.0143, 0.1682, 0.1066
Android (android.graphics.Color)	4280633307 (0xFF2547DB)
YUV	77.7060, 69.6579, -35.6992
Hunter-Lab	31.6453, 33.7562, -105.4725

# Details

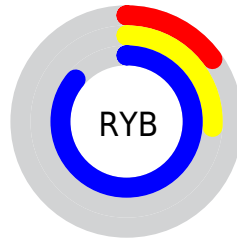
The Hex color **2547DB** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DBB925**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7478FF**, and **001CA3** is the 20% darker color. If you saturate the color by 10%, you get **0F35DB**, and if you desaturate by 10%, it is **3B59DB**.

# Distribution



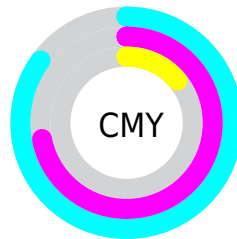
- Red (15%)
- Green (28%)
- Blue (86%)



- Red (15%)
- Yellow (26%)
- Blue (86%)



- Cyan (83%)
- Magenta (68%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (72%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2547DB 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 2547DB by changing the saturation by 10% instead.



 2547DB

 2547DB

FFFFFF

 0031BE

 7478FF

 001CA3

 9491FF

 000A87

 B3ACFF

 00006D

 D3C7FF

 000B54

 F2E4FF

 00063B

 000225

 00010D

 000000

■ 2547DB

■ 2547DB

■ 0F35DB

■ 3B59DB

■ 0029DB

■ 516BDB

■ 677CDB

■ 7D8EDB

■ 93A0DB

■ A8B2DB

■ BEC4DB

■ D4D5DB

■ EAE7DB

# Harmonies

## Analogous

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



0066EE



2547DB



A700A6

# Triad

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



2547DB



A52F00



007354

# Complementary

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



2547DB



DBB925

# 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.



006F00



2547DB



705600

# Square

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



2547DB



C7001A



1F6800



00749E

# Rectangle

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



2547DB



C50078



1F6800



00723A



# Sweetspot

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



2547DB



BFCBFF



25DBB7



596080



000000



808080



# Same Dimension

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



2547DB



0030FF



5C25DB



63656E



0020AD



00092E



# Inverse Universe

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



DB2547



FF0030



A4DB25



6E6365



AD0020

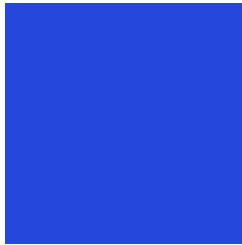


2E0009



# Previews

## White Background



This preview shows how the Hex color 2547DB looks on a white background.

## Color Contrast Check

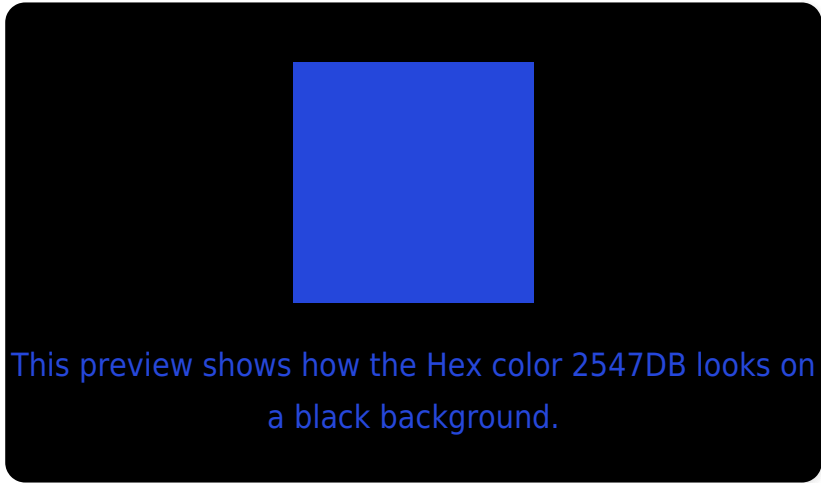
Large Text (above 18pt) WCAG AA ✓ Pass

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

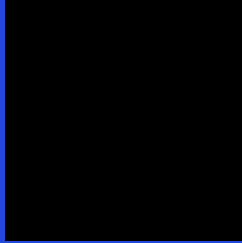
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2547DB Background



This preview shows how black text looks on a background with the Hex color 2547DB.

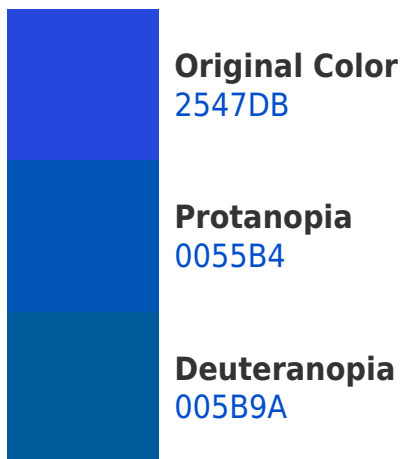


This preview shows how white text looks on a background with the Hex color 2547DB.

# 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





# Trichromacy



**Original Color**  
2547DB

**Protanomaly**  
0D50C2

**Deuteranomaly**  
0D54B2

**Tritanomaly**  
0D5892

# Monochromacy



**Original Color**  
2547DB

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3F4B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2547DB 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 #2547DB looks like.

```
.text, #text, p{  
    color:#2547DB  
}
```

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 #2547DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2547DB  
}
```

## Border

The CSS property to change the border of an element to Hex 2547DB 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  
#2547DB }
```

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

```
.border{ border-color:#2547DB }
```

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

Here you see how a box with a 4 pixel #2547DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2547DB; -webkit-box-shadow:4px 4px  
4px 4px #2547DB; box-shadow:4px 4px 4px  
4px #2547DB }
```

# Background

The CSS property to change the background color of an element to Hex 2547DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2547DB }
```

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

```
.background{ background-color:#2547DB }
```

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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