

Converting Colors

Hex(2560DD)

Have a look what the booklet for
Hex(2560DD) contains.

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Color

Hex(2560DD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2560DD |
| RGB | 37, 96, 221 |
| RGB Percent | 15%, 38%, 87% |
| CMY | 0.8549, 0.6235, 0.1333 |
| CMYK | 0.83, 0.57, 0.00, 0.13 |
| HSL | 221°, 73%, 51% |
| HSV | 221°, 83%, 87% |
| XYZ | 17.9970, 13.9795, 70.1564 |
| YIQ | 92.6090, -75.2890, 26.3670 |

Conversions

Conversions Part 2

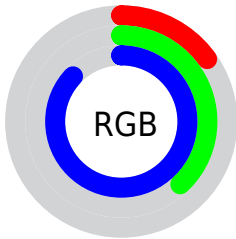
| Format | Color |
|-------------------------------------|--|
| RYB | 37, 82, 221 |
| Decimal | 2449629 |
| CIELab | 44.20, 27.62, -68.94 |
| CIElCh | 44, 74.269, 291.830 |
| Yxy | 13.9795, 0.1762, 0.1369 |
| Android (android.graphics.Color) | 4280639709 (0xFF2560DD) |
| YUV | 92.6090, 63.2968, -48.7691 |
| Hunter-Lab | 37.3892, 20.4884, -85.0782 |

Details

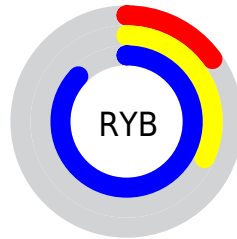
The Hex color **2560DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DDA225**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7392FF**, and **0033A5** is the 20% darker color. If you saturate the color by 10%, you get **0F51DD**, and if you desaturate by 10%, it is **3B6FDD**.

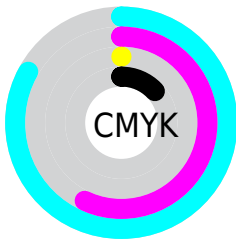
Distribution



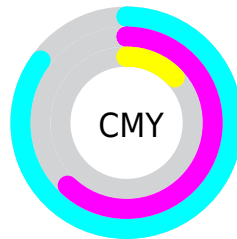
- Red (15%)
- Green (38%)
- Blue (87%)



- Red (15%)
- Yellow (32%)
- Blue (87%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (62%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2560DD 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 2560DD by changing the saturation by 10% instead.

 2560DD

 2560DD

FFFFFF

 0049C1

 7392FF

 0033A5

 92ACFF

 00208A

 B1C7FF

 000D6F

 D0E3FF

 000A56

 EFFFFFF

 00063E

 000327

 000110

 000000

■ 2560DD

■ 2560DD

■ 0F51DD

■ 3B6FDD

■ 0047DD

■ 517EDD

■ 678DDD

■ 7D9CDD

■ 94ABDD

■ AABADD

■ C0C9DD

■ D6D8DD

■ ECE7DD

Harmonies

Analogous

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



0076E5



2560DD



9F3CB6

Triad

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



2560DD



B84100



008155

Complementary

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



2560DD



DDA225

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.



007D09



2560DD



8E6000

Square

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



2560DD



D00C3F



557300



008295

Rectangle

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



2560DD



C11891



557300



00803F

Sweetspot

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



2560DD



BFD4FF



25DDA0



596680



000000



808080

Same Dimension

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



2560DD



0052FF



4425DD



63666E



0038AD



000F2E

Inverse Universe

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



DD2560



FF0052



BEDD25



6E6366



AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 2560DD looks on a white background.

Color Contrast Check

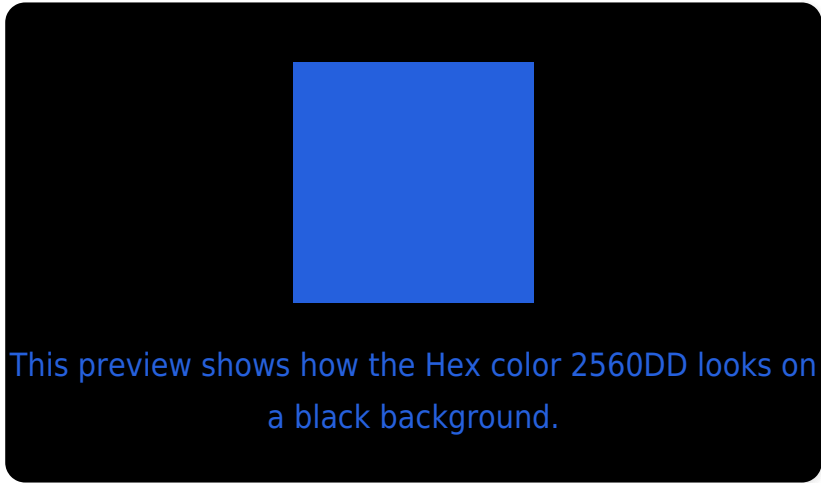
Large Text (above 18pt) WCAG AA ✓ Pass

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 2560DD Background



This preview shows how black text looks on a background with the Hex color 2560DD.

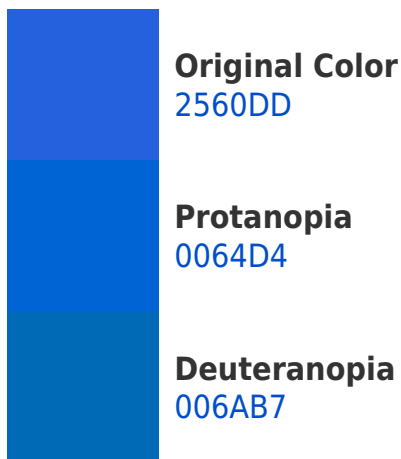


This preview shows how white text looks on a background with the Hex color 2560DD.

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
2560DD

Protanomaly
0D63D7

Deuteranomaly
0D66C5

Monochromacy



Original Color
2560DD

Achromatopsia
5D5D5D

Achromatomaly
495E8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2560DD 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 #2560DD looks like.

```
.text, #text, p{  
    color:#2560DD  
}
```

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 #2560DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2560DD
}
```

Border

The CSS property to change the border of an element to Hex 2560DD 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
#2560DD }
```

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

```
.border{ border-color:#2560DD }
```

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

Here you see how a box with a 4 pixel #2560DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2560DD; -webkit-box-shadow:4px 4px  
4px 4px #2560DD; box-shadow:4px 4px 4px  
4px #2560DD }
```

Background

The CSS property to change the background color of an element to Hex 2560DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2560DD }
```

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

```
.background{ background-color:#2560DD }
```

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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