

Converting Colors

Hex(2504DD)

Have a look what the booklet for
Hex(2504DD) contains.

Hex(2504DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2504DD)

Conversions

Conversions Part 1

Format	Color
Hex	2504DD
RGB	37, 4, 221
RGB Percent	15%, 2%, 87%
CMY	0.8549, 0.9843, 0.1333
CMYK	0.83, 0.98, 0.00, 0.13
HSL	249°, 96%, 44%
HSV	249°, 98%, 87%
XYZ	13.8575, 5.7006, 68.7766
YIQ	38.6050, -49.9890, 74.4830

Conversions

Conversions Part 2

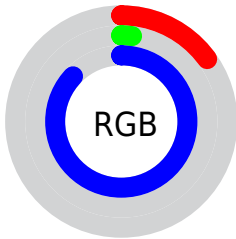
Format	Color
RYB	37, 4, 221
Decimal	2426077
CIELab	28.64, 70.73, -94.63
CIELCh	29, 118.140, 306.775
Yxy	5.7006, 0.1569, 0.0645
Android (android.graphics.Color)	4280616157 (0xFF2504DD)
YUV	38.6050, 89.9207, -1.4076
Hunter-Lab	23.8759, 61.8179, -154.0765

Details

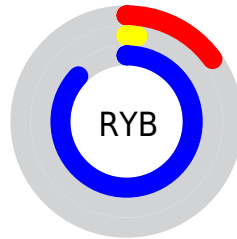
The Hex color **2504DD** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BCDD04**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7945FF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **2200DD**, and if you desaturate by 10%, it is **381ADD**.

Distribution



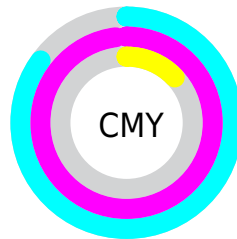
- Red (15%)
- Green (2%)
- Blue (87%)



- Red (15%)
- Yellow (2%)
- Blue (87%)



- Cyan (83%)
- Magenta (98%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (98%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2504DD 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 2504DD by changing the saturation by 10% instead.

 2504DD

 2504DD

FFFFFF

 0000C0

 7945FF

 0000A4

 9A60FF

 000089

 BB7BFF

 00036E

 DB97FF

 000C54

 FAB3FF

 00063C

 FFCFFF

 000226

 FFECFF

 00010E

 000000

■ 2504DD

■ 2504DD

■ 2200DD

■ 381ADD

■ 4A30DD

■ 5D46DD

■ 705CDD

■ 8372DD

■ 9589DD

■ A89FDD

■ BBB5DD

■ CECBDD

Harmonies

Analogous

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



0052FF



2504DD



B4008E

Triad

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



2504DD



891300



005D58

Complementary

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



2504DD



BCDD04

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.



005B00



2504DD



414800

Square

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



2504DD



BB0000



005600



0061B3

Rectangle

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



2504DD



CD0052



005600



005C37

Sweetspot

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



2504DD



C0B5FF



04BCDD



5A5380



000000



808080

Same Dimension

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



2504DD



2700FF



9104DD



64636E



1A00AD



07002E

Inverse Universe

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



DD04BC



FF00D8



50DD04



6E636C



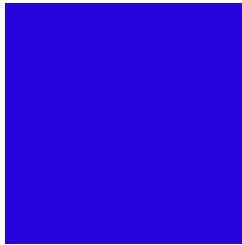
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 2504DD looks on a white background.

Color Contrast Check

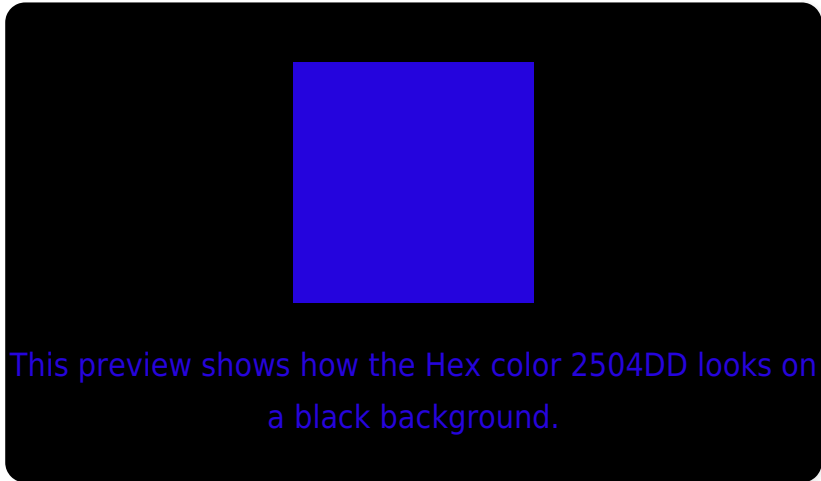
Large Text (above 18pt) WCAG AA ✓ Pass

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

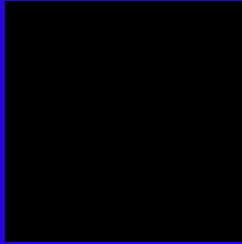
Any Text WCAG AA × Fail

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 2504DD Background



This preview shows how black text looks on a background with the Hex color 2504DD.



This preview shows how white text looks on a background with the Hex color 2504DD.

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
2504DD

Protanopia
00428B

Deuteranopia
004776



Tritanopia
004C50

Trichromacy



Original Color
2504DD

Protanomaly
0D2BA9

Deuteranomaly
0D2F9B

Tritanomaly
0D3283

Monochromacy



Original Color
2504DD

Achromatopsia
272727

Achromatomaly
261A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2504DD 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 #2504DD looks like.

```
.text, #text, p{  
    color:#2504DD  
}
```

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 #2504DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2504DD
}
```

Border

The CSS property to change the border of an element to Hex 2504DD 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
#2504DD }
```

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

```
.border{ border-color:#2504DD }
```

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

Here you see how a box with a 4 pixel #2504DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2504DD; -webkit-box-shadow:4px 4px  
4px 4px #2504DD; box-shadow:4px 4px 4px  
4px #2504DD }
```

Background

The CSS property to change the background color of an element to Hex 2504DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2504DD }
```

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

```
.background{ background-color:#2504DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor