

Converting Colors

Hex(2503F0)

Have a look what the booklet for
Hex(2503F0) contains.

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Color

Hex(2503F0)

Conversions

Conversions Part 1

Format	Color
Hex	2503F0
RGB	37, 3, 240
RGB Percent	15%, 1%, 94%
CMY	0.8549, 0.9882, 0.0588
CMYK	0.85, 0.99, 0.00, 0.06
HSL	249°, 98%, 48%
HSV	249°, 99%, 94%
XYZ	16.5237, 6.7497, 82.8700
YIQ	40.1840, -55.8130, 80.9150

Conversions

Conversions Part 2

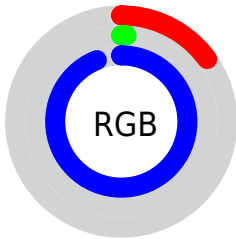
Format	Color
R _Y B	37, 3, 240
Decimal	2425840
CIE Lab	31.23, 75.48, -101.17
CIE LCh	31, 126.225, 306.724
Yxy	6.7497, 0.1557, 0.0636
Android (android.graphics.Color)	4280615920 (0xFF2503F0)
YUV	40.1840, 98.5093, -2.7924
Hunter-Lab	25.9802, 68.0626, -170.9333

Details

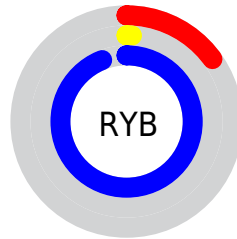
The Hex color **2503F0** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CEF003**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7E48FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **2200F0**, and if you desaturate by 10%, it is **3A1BF0**.

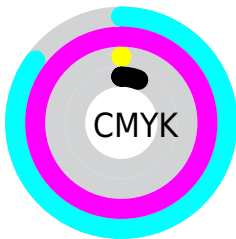
Distribution



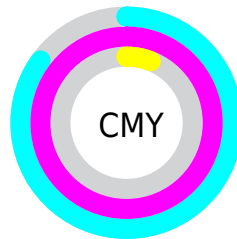
- Red (15%)
- Green (1%)
- Blue (94%)



- Red (15%)
- Yellow (1%)
- Blue (94%)



- Cyan (85%)
- Magenta (99%)
- Yellow (0%)
- Black (6%)



- Cyan (85%)
- Magenta (99%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2503F0 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 2503F0 by changing the saturation by 10% instead.

 2503F0

 2503F0

FFFFFF

 0000D3

 7E48FF

 0000B6

 A063FF

 00009A

 C17EFF

 00007F

 E29AFF

 001065

 FFB6FF

 00094C

 FFD3FF

 000434

 FFF0FF

 00021E

 000000

■ 2503F0

■ 2503F0

■ 2200F0

■ 3A1BF0

■ 4E33F0

■ 634BF0

■ 7763F0

■ 8C7BF0

■ A093F0

■ B5ABF0

■ C9C3F0

■ DEDBF0

Harmonies

Analogous

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



0059FF



2503F0



C3009B

Triad

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



2503F0



941300



00655F

Complementary

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



2503F0



CEF003

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.



006200



2503F0



464E00

Square

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



2503F0



CA0000



005E00



0069C2

Rectangle

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



2503F0



DE005A



005E00



00643C

Sweetspot

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



2503F0



BDB3FF



03D0F0



585280



000000



808080

Same Dimension

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



2503F0



2500FF



9903F0



6E6C78



1A00B8



080038

Inverse Universe

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



F003CE



FF00DA



5AF003



786C76



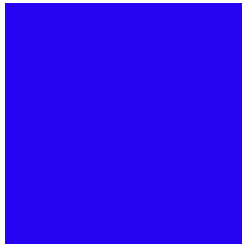
B8009D



380030

Previews

White Background



This preview shows how the Hex color 2503F0 looks on a white background.

Color Contrast Check

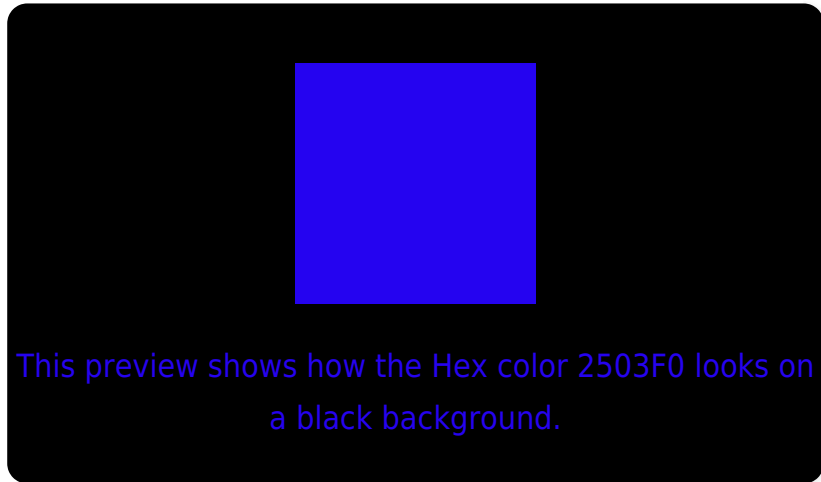
Large Text (above 18pt) WCAG AA ✓ Pass

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 2503F0 Background



This preview shows how black text looks on a background with the Hex color 2503F0.



This preview shows how white text looks on a background with the Hex color 2503F0.

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
2503F0

Protanopia
004896

Deuteranopia
004D7F

Trichromacy



Original Color
2503F0

Protanomaly
0D2FB7

Deuteranomaly
0D32A8

Tritanomaly
0D368E

Monochromacy



Original Color
2503F0

Achromatopsia
282828

Achromatomaly
271B71

CSS Examples

Text

The CSS property to change the color of the text to Hex 2503F0 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 #2503F0 looks like.

```
.text, #text, p{  
    color:#2503F0  
}
```

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 #2503F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2503F0
}
```

Border

The CSS property to change the border of an element to Hex 2503F0 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
#2503F0 }
```

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

```
.border{ border-color:#2503F0 }
```

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

Here you see how a box with a 4 pixel #2503F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2503F0; -webkit-box-shadow:4px 4px  
4px 4px #2503F0; box-shadow:4px 4px 4px  
4px #2503F0 }
```

Background

The CSS property to change the background color of an element to Hex 2503F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2503F0 }
```

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

```
.background{ background-color:#2503F0 }
```

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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