

Converting Colors

Hex(2525FC)

Have a look what the booklet for
Hex(2525FC) contains.

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Color

Hex(2525FC)

Conversions

Conversions Part 1

Format	Color
Hex	2525FC
RGB	37, 37, 252
RGB Percent	15%, 15%, 99%
CMY	0.8549, 0.8549, 0.0118
CMYK	0.85, 0.85, 0.00, 0.01
HSL	240°, 97%, 57%
HSV	240°, 85%, 99%
XYZ	18.9952, 8.7447, 92.7822
YIQ	61.5100, -69.0150, 66.8650

Conversions

Conversions Part 2

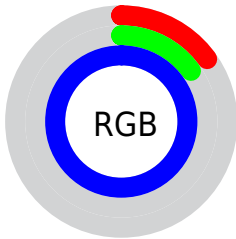
Format	Color
R_{YB}	37, 37, 252
Decimal	2434556
CIE _{Lab}	35.49, 70.40, -100.84
CIE _{LCh}	35, 122.981, 304.920
Yxy	8.7447, 0.1576, 0.0726
Android (android.graphics.Color)	4280624636 (0xFF2525FC)
YUV	61.5100, 93.9116, -21.4953
Hunter-Lab	29.5715, 62.9092, -165.3257

Details

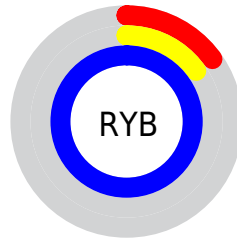
The Hex color **2525FC** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **FCFC25**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7F5AFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **0C0CFC**, and if you desaturate by 10%, it is **3E3EFC**.

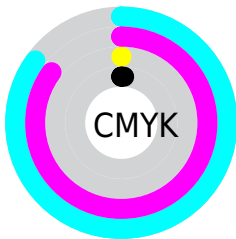
Distribution



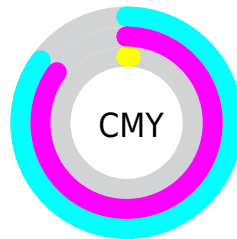
- Red (15%)
- Green (15%)
- Blue (99%)



- Red (15%)
- Yellow (15%)
- Blue (99%)



- Cyan (85%)
- Magenta (85%)
- Yellow (0%)
- Black (1%)



- Cyan (85%)
- Magenta (85%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2525FC 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 2525FC by changing the saturation by 10% instead.

 2525FC

 2525FC

FFFFFF

 0002DE

 7F5AFF

 0000C2

 A275FF

 0000A5

 C390FF

 00008A

 E4ABFF

 000E6F

 FFC8FF

 000C56

 FFE4FF

 00063D

 000327

 000110

■ 2525FC

■ 2525FC

■ 0C0CFC

■ 3E3EFC

■ 0000FC

■ 5757FC

■ 7171FC

■ 8A8AFC

■ A3A3FC

■ BCBCFC

■ D5D5FC

■ EFEFFC

FFFFFC

Harmonies

Analogous

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



0063FF



2525FC



CA00AA

Triad

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



2525FC



A41D00



007063

Complementary

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



2525FC



FCFC25

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.



006D00



2525FC



585700

Square

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



2525FC



D90000



006800



0074C6

Rectangle

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



2525FC



E80069



006800



006F40

Sweetspot

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



2525FC



BDBDFF



25FCFC



585880



000000



808080

Same Dimension

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



2525FC



0000FF



9125FC



70707D



0000BD



00003D

Inverse Universe

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



FC25FC



FF00FF



91FC25



7D707D



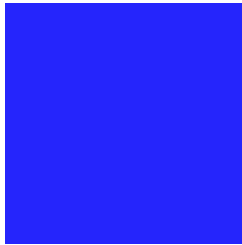
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 2525FC looks on a white background.

Color Contrast Check

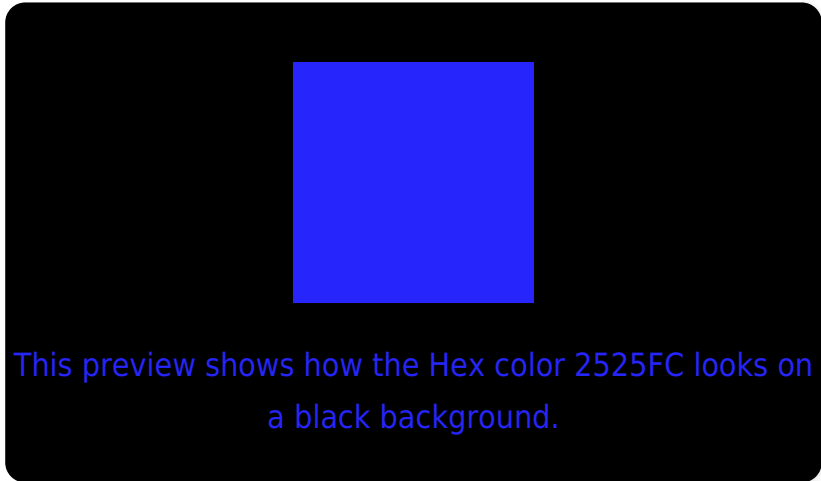
Large Text (above 18pt) WCAG AA ✓ Pass

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 2525FC Background



This preview shows how black text looks on a background with the Hex color 2525FC.



This preview shows how white text looks on a background with the Hex color 2525FC.

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
2525FC

Protanopia
0050A7

Deuteranopia
00558E



Tritanopia
005C60

Trichromacy



Original Color
2525FC

Protanomaly
0D40C6

Deuteranomaly
0D44B6

Tritanomaly
0D4899

Monochromacy



Original Color
2525FC

Achromatopsia
3E3E3E

Achromatomaly
353583

CSS Examples

Text

The CSS property to change the color of the text to Hex 2525FC 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 #2525FC looks like.

```
.text, #text, p{  
    color:#2525FC  
}
```

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 #2525FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2525FC
}
```

Border

The CSS property to change the border of an element to Hex 2525FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

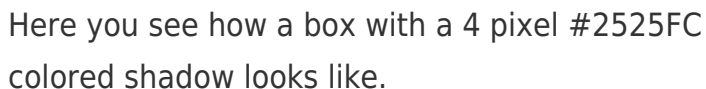
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2525FC }
```

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

```
.border{ border-color:#2525FC }
```

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



Here you see how a box with a 4 pixel #2525FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2525FC; -webkit-box-shadow:4px 4px  
4px 4px #2525FC; box-shadow:4px 4px 4px  
4px #2525FC }
```

Background

The CSS property to change the background color of an element to Hex 2525FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2525FC }
```

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

```
.background{ background-color:#2525FC }
```

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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