

Converting Colors

Hex(2525EB)

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

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Color

Hex(2525EB)

Conversions

Conversions Part 1

Format	Color
Hex	2525EB
RGB	37, 37, 235
RGB Percent	15%, 15%, 92%
CMY	0.8549, 0.8549, 0.0784
CMYK	0.84, 0.84, 0.00, 0.08
HSL	240°, 83%, 53%
HSV	240°, 84%, 92%
XYZ	16.4199, 7.7146, 79.2209
YIQ	59.5720, -63.5580, 61.5780

Conversions

Conversions Part 2

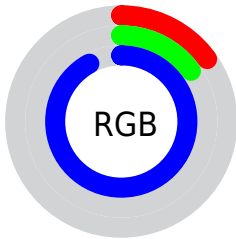
Format	Color
RYP	37, 37, 235
Decimal	2434539
CIELab	33.38, 65.62, -94.74
CIElCh	33, 115.249, 304.707
Yxy	7.7146, 0.1589, 0.0746
Android (android.graphics.Color)	4280624619 (0xFF2525EB)
YUV	59.5720, 86.4860, -19.7956
Hunter-Lab	27.7752, 56.9176, -149.6654

Details

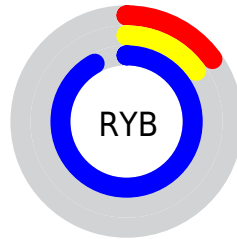
The Hex color **2525EB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EBEB25**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7B59FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **0E0EEB**, and if you desaturate by 10%, it is **3C3CEB**.

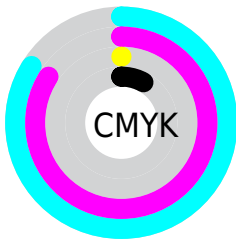
Distribution



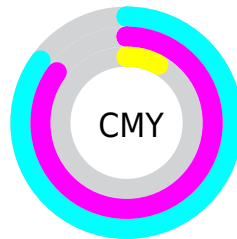
- Red (15%)
- Green (15%)
- Blue (92%)



- Red (15%)
- Yellow (15%)
- Blue (92%)



- Cyan (84%)
- Magenta (84%)
- Yellow (0%)
- Black (8%)



- Cyan (85%)
- Magenta (85%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 2525EB

 2525EB

FFFFFF

 0005CE

 7B59FF

 0000B1

 9D73FF

 000096

 BD8EFF

 00007B

 DDA9FF

 000F61

 FDC5FF

 000848

 FFE2FF

 000430

 00011A

 000000

■ 2525EB

■ 2525EB

■ 0E0EEB

■ 3C3CEB

■ 0000EB

■ 5454EB

■ 6C6CEB

■ 8383EB

■ 9B9BEB

■ B2B2EB

■ CACAEB

■ E1E1EB

■ F9F9EB

Harmonies

Analogous

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



005DFF



2525EB



BC009F

Triad

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



2525EB



9A1D00



00695C

Complementary

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



2525EB



EBEB25

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.



006700



2525EB



545100

Square

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



2525EB



CB0000



006200



006DB8

Rectangle

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



2525EB



D80063



006200



00693B

Sweetspot

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



2525EB



BFBFFF



25EBEB



595980



000000



808080

Same Dimension

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



2525EB



0000FF



8825EB



6A6A75



0000B5



000036

Inverse Universe

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



EB25EB



FF00FF



88EB25



756A75



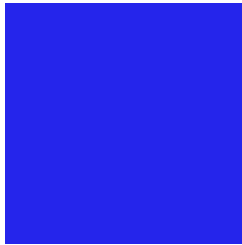
B500B5



360036

Previews

White Background



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

Color Contrast Check

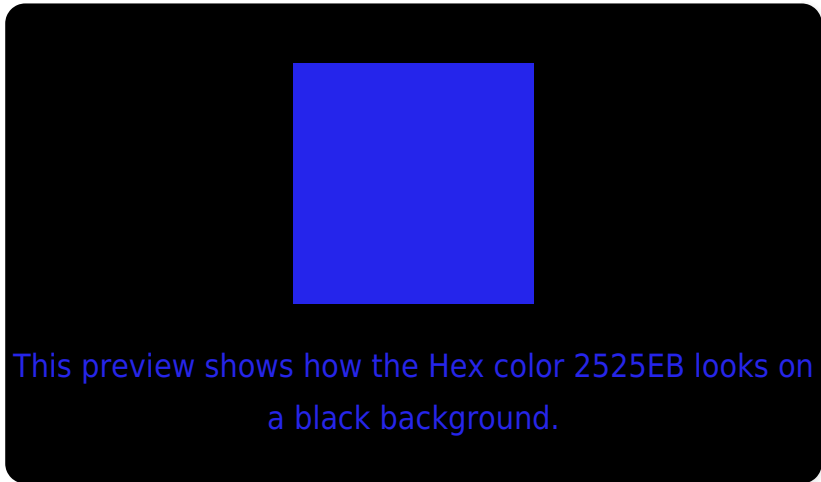
Large Text (above 18pt) WCAG AA ✓ Pass

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

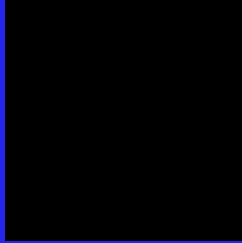
Any Text WCAG AA × Fail

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 2525EB Background



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

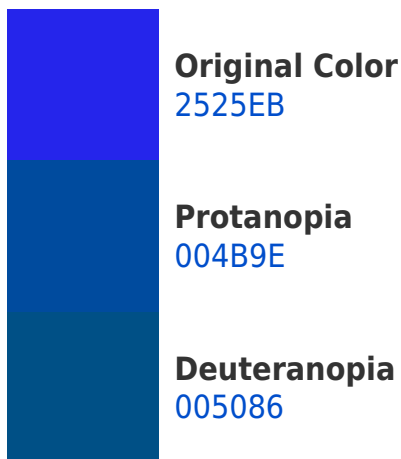


This preview shows how white text looks on a background with the Hex color 2525EB.

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





Tritanopia
00575B

Trichromacy



Original Color
2525EB

Protanomaly
0D3DBA

Deuteranomaly
0D40AB

Tritanomaly
0D458F

Monochromacy



Original Color
2525EB

Achromatopsia
3C3C3C

Achromatomaly
34347C

CSS Examples

Text

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

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

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 #2525EB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2525EB 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
#2525EB }
```

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

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

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

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

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

Background

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

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

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

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

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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