

Converting Colors

Hex(2359F2)

Have a look what the booklet for
Hex(2359F2) contains.

Hex(2359F2)	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(2359F2)

Conversions

Conversions Part 1

Format	Color
Hex	2359F2
RGB	35, 89, 242
RGB Percent	14%, 35%, 95%
CMY	0.8627, 0.6510, 0.0510
CMYK	0.86, 0.63, 0.00, 0.05
HSL	224°, 89%, 54%
HSV	224°, 86%, 95%
XYZ	20.2925, 13.9129, 85.6203
YIQ	90.2960, -81.2970, 36.1350

Conversions

Conversions Part 2

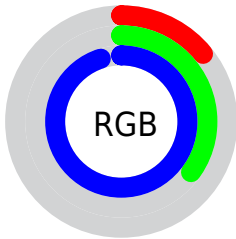
Format	Color
R_{YB}	35, 78, 242
Decimal	2316786
CIE _{Lab}	44.11, 39.75, -80.97
CIE _{LCh}	44, 90.200, 296.150
Yxy	13.9129, 0.1694, 0.1161
Android (android.graphics.Color)	4280506866 (0xFF2359F2)
YUV	90.2960, 74.7901, -48.4946
Hunter-Lab	37.3000, 31.8354, -109.9874

Details

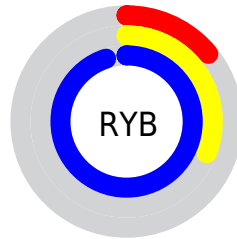
The Hex color **2359F2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F2BC23**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **788BFF**, and **002DB9** is the 20% darker color. If you saturate the color by 10%, you get **0B47F2**, and if you desaturate by 10%, it is **3B6BF2**.

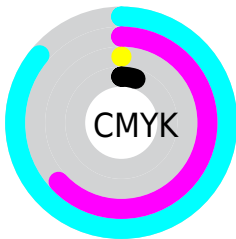
Distribution



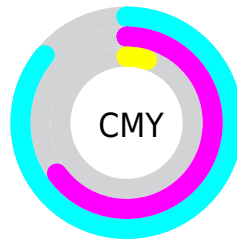
- Red (14%)
- Green (35%)
- Blue (95%)



- Red (14%)
- Yellow (31%)
- Blue (95%)



- Cyan (86%)
- Magenta (63%)
- Yellow (0%)
- Black (5%)



- Cyan (86%)
- Magenta (65%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2359F2 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 2359F2 by changing the saturation by 10% instead.

 2359F2

 2359F2

FFFFFF

 0042D5


 788BFF

 002DB9

 99A5FF

 001A9D

 B9C0FF


 000882


 D9DCFF

 000768

 F8F8FF

 000A4E

 000537

 000220

 000004

■ 2359F2

■ 2359F2

■ 0B47F2

■ 3B6BF2

■ 003FF2

■ 537DF2

■ 6C8FF2

■ 84A1F2

■ 9CB2F2

■ B4C4F2

■ CCD6F2

■ E5E8F2

■ FDFAF2

Harmonies

Analogous

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



0076FF



2359F2



B414BD

Triad

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



2359F2



BE3A00



00845C

Complementary

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



2359F2



F2BC23

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.



008000



2359F2



886300

Square

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



2359F2



DF002D



3D7700



0085A9

Rectangle

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



2359F2



D7008E



3D7700



008341

Sweetspot

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



2359F2



BDCEFF



23F2BB



586280



000000



808080

Same Dimension

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



2359F2



0043FF



5323F2



6C6F78



0030B8



000F38

Inverse Universe

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



F22359



FF0043



C2F223



786C6F



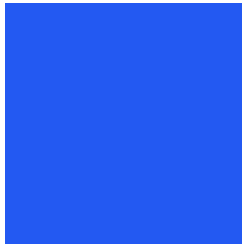
B80030



38000F

Previews

White Background



This preview shows how the Hex color 2359F2 looks on a white background.

Color Contrast Check

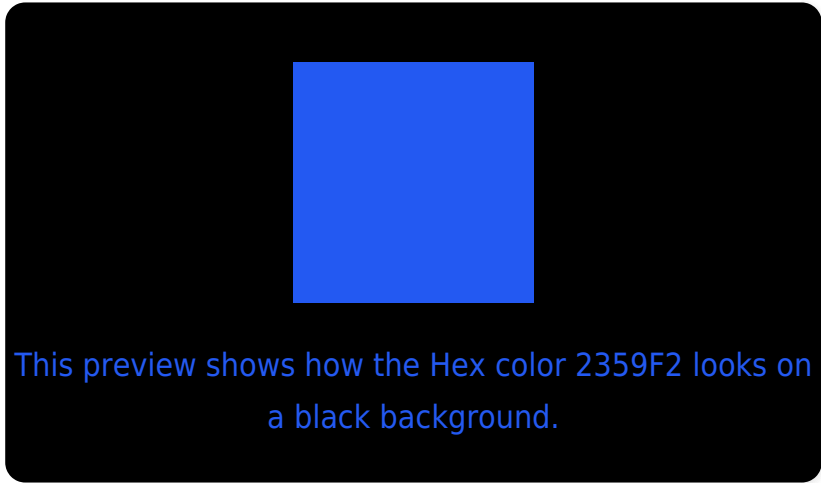
Large Text (above 18pt) WCAG AA ✓ Pass

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

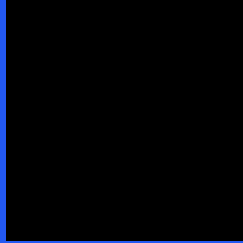
Any Text WCAG AA × Fail

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 2359F2 Background



This preview shows how black text looks on a background with the Hex color 2359F2.

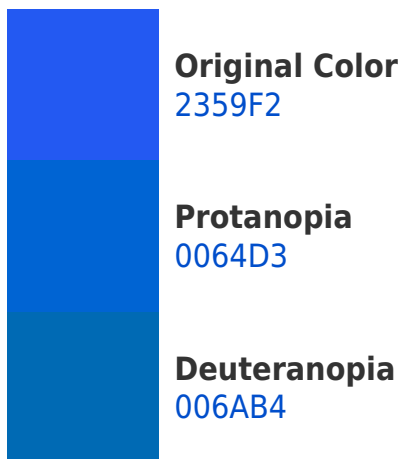


This preview shows how white text looks on a background with the Hex color 2359F2.

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](#).

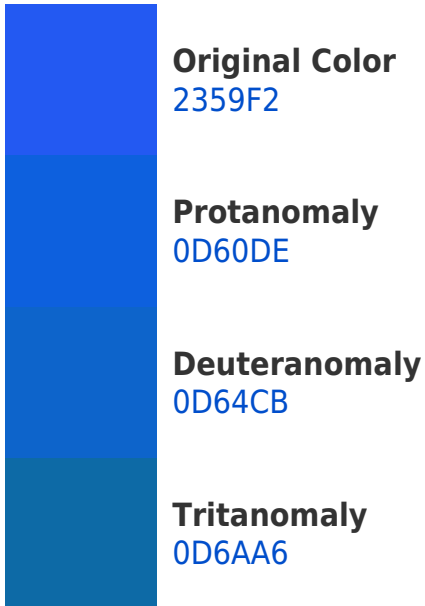
Dichromacy





Tritanopia
00737A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2359F2 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 #2359F2 looks like.

```
.text, #text, p{  
  color:#2359F2  
}
```

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 #2359F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2359F2
}
```

Border

The CSS property to change the border of an element to Hex 2359F2 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
#2359F2 }
```

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

```
.border{ border-color:#2359F2 }
```

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

Here you see how a box with a 4 pixel #2359F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2359F2; -webkit-box-shadow:4px 4px  
4px 4px #2359F2; box-shadow:4px 4px 4px  
4px #2359F2 }
```

Background

The CSS property to change the background color of an element to Hex 2359F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2359F2 }
```

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

```
.background{ background-color:#2359F2 }
```

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