

Converting Colors

Hex(4090F2)

Have a look what the booklet for
Hex(4090F2) contains.

Hex(4090F2)	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(4090F2)

Conversions

Conversions Part 1

Format	Color
Hex	4090F2
RGB	64, 144, 242
RGB Percent	25%, 56%, 95%
CMY	0.7490, 0.4353, 0.0510
CMYK	0.74, 0.40, 0.00, 0.05
HSL	213°, 87%, 60%
HSV	213°, 74%, 95%
XYZ	28.1146, 27.4473, 87.8205
YIQ	131.2520, -79.1380, 13.5180

Conversions

Conversions Part 2

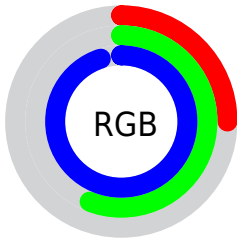
Format	Color
R _{YB}	64, 119, 242
Decimal	4231410
CIE _{Lab}	59.39, 8.21, -56.19
CIE _{LCh}	59, 56.789, 278.308
Y _{xy}	27.4473, 0.1961, 0.1914
Android (android.graphics.Color)	4282421490 (0xFF4090F2)
YUV	131.2520, 54.5988, -58.9800
Hunter-Lab	52.3902, 4.1073, -62.7133

Details

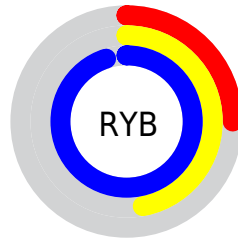
The Hex color **4090F2** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F2A240**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **85C5FF**, and **005EB9** is the 20% darker color. If you saturate the color by 10%, you get **2883F2**, and if you desaturate by 10%, it is **589DF2**.

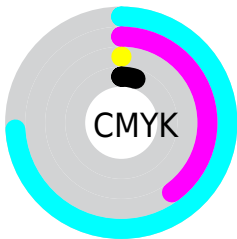
Distribution



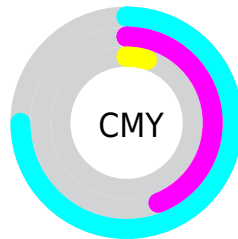
- Red (25%)
- Green (56%)
- Blue (95%)



- Red (25%)
- Yellow (47%)
- Blue (95%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4090F2 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 4090F2 by changing the saturation by 10% instead.

 4090F2

 4090F2

FFFFFF

 0077D5

 85C5FF

 005EB9

 A4E1FF

 00479E

 C3FEFF

 003283

 E2FFFF

 001E69

 000651

 000539

 000222

 000008

■ 4090F2

■ 4090F2

■ 2883F2

■ 589DF2

■ 1075F2

■ 70ABF2

■ 006DF2

■ 89B8F2

■ A1C5F2

■ B9D3F2

■ D1E0F2

■ E9EDF2

■ FFFBF2

■ FFFFF2

Harmonies

Analogous

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



009EEB



4090F2



A37CDE

Triad

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



4090F2



E26B54



00A468

Complementary

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



4090F2



F2A240

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.



679D3B



4090F2



C67F2E

Square

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



4090F2



EA6083



9C9121



00A79C

Rectangle

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



4090F2



C96EC4



9C9121



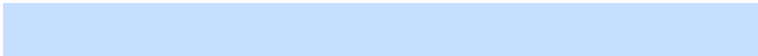
32A358

Sweetspot

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



4090F2



C7E0FF



40F2A2



5E6D80



000000



808080

Same Dimension

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



4090F2



1F83FF



4940F2



6C7178



0053B8



001938

Inverse Universe

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



F24090



FF1F83



E9F240



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color 4090F2 looks on a white background.

Color Contrast Check

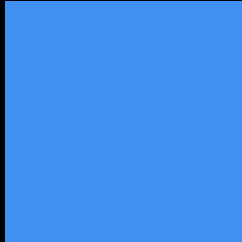
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4090F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

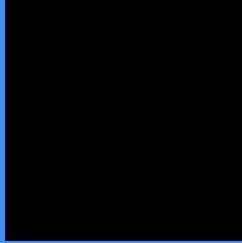
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

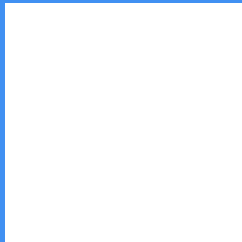
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4090F2 Background



This preview shows how black text looks on a background with the Hex color 4090F2.



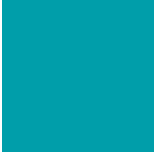
This preview shows how white text looks on a background with the Hex color 4090F2.

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](#).

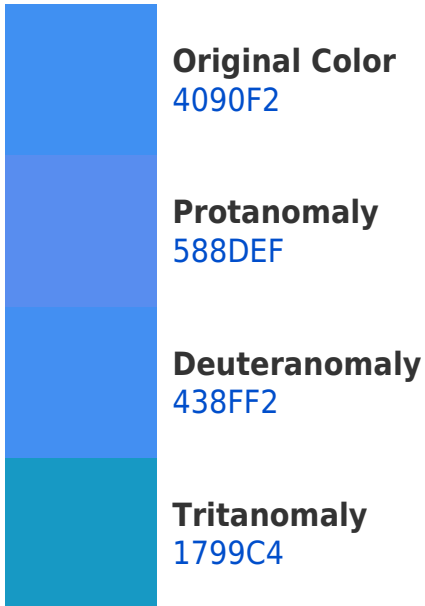
Dichromacy





Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4090F2 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 #4090F2 looks like.

```
.text, #text, p{  
    color:#4090F2  
}
```

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 #4090F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4090F2
}
```

Border

The CSS property to change the border of an element to Hex 4090F2 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
#4090F2 }
```

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

```
.border{ border-color:#4090F2 }
```

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

Here you see how a box with a 4 pixel #4090F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4090F2; -webkit-box-shadow:4px 4px  
4px 4px #4090F2; box-shadow:4px 4px 4px  
4px #4090F2 }
```

Background

The CSS property to change the background color of an element to Hex 4090F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4090F2 }
```

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

```
.background{ background-color:#4090F2 }
```

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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