

Converting Colors

Hex(2499F4)

Have a look what the booklet for
Hex(2499F4) contains.

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Color

Hex(2499F4)

Conversions

Conversions Part 1

Format	Color
Hex	2499F4
RGB	36, 153, 244
RGB Percent	14%, 60%, 96%
CMY	0.8588, 0.4000, 0.0431
CMYK	0.85, 0.37, 0.00, 0.04
HSL	206°, 90%, 55%
HSV	206°, 85%, 96%
XYZ	28.4479, 29.6892, 89.8192
YIQ	128.3910, -98.9430, 3.4970

Conversions

Conversions Part 2

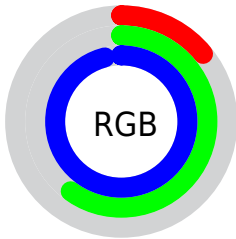
Format	Color
R _Y B	36, 111, 244
Decimal	2398708
CIE Lab	61.39, 0.90, -54.15
CIE LCh	61, 54.156, 270.953
Yxy	29.6892, 0.1923, 0.2007
Android (android.graphics.Color)	4280588788 (0xFF2499F4)
YUV	128.3910, 56.9952, -81.0269
Hunter-Lab	54.4878, -2.1593, -59.5938

Details

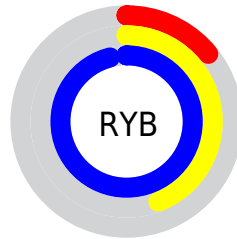
The Hex color **2499F4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **F47F24**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **76CFFF**, and **0067BB** is the 20% darker color. If you saturate the color by 10%, you get **0C8EF4**, and if you desaturate by 10%, it is **3CA4F4**.

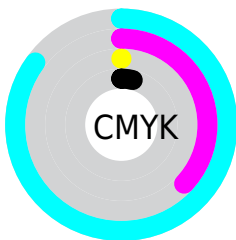
Distribution



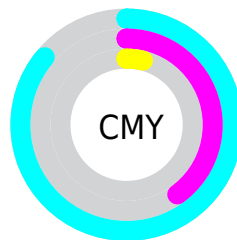
- Red (14%)
- Green (60%)
- Blue (96%)



- Red (14%)
- Yellow (44%)
- Blue (96%)



- Cyan (85%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (86%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2499F4 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 2499F4 by changing the saturation by 10% instead.

 2499F4

 2499F4

FFFFFF

 007FD7

 76CFFF

 0067BB

 97EBFF

 004FA0

 B6FFFF

 003985

 D6FFFF

 00256B

 F5FFFF

 000F52

 00063B

 000224

 00000C

 2499F4

 2499F4

 0C8EF4

 3CA4F4

 0089F4

 55AEF4

 6DB9F4

 86C4F4

 9ECEF4

 B6D9F4

 CFE4F4

 E7EEF4

 FFF9F4

Harmonies

Analogous

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



00A5E7



2499F4



9887E7

Triad

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



2499F4



E96F66



37A864

Complementary

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



2499F4



F47F24

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.



7CA03D



2499F4



D38040

Square

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



2499F4



EA6995



AD922D



00AC94

Rectangle

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



2499F4



C17AD1



AD922D



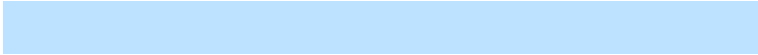
53A655

Sweetspot

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



2499F4



BDE2FF



24F47E



586E80



000000



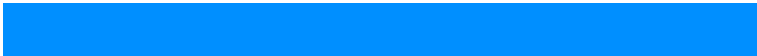
808080

Same Dimension

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



2499F4



008FFF



2432F4



6E757A



0069BA



00213B

Inverse Universe

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



F42499



FF008F



F4E624



7A6E75



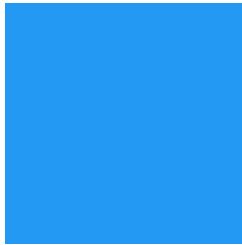
BA0069



3B0021

Previews

White Background



This preview shows how the Hex color 2499F4 looks on a white background.

Color Contrast Check

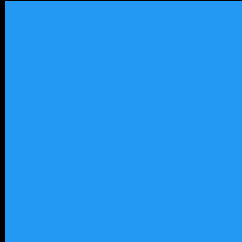
Large Text (above 18pt) WCAG AA ✓ Pass

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 2499F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

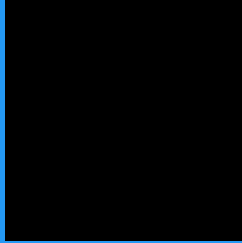
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

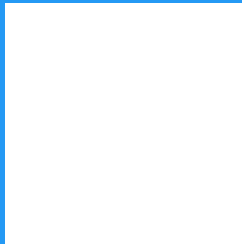
Any Text WCAG AAA × Fail

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

Hex 2499F4 Background



This preview shows how black text looks on a background with the Hex color 2499F4.

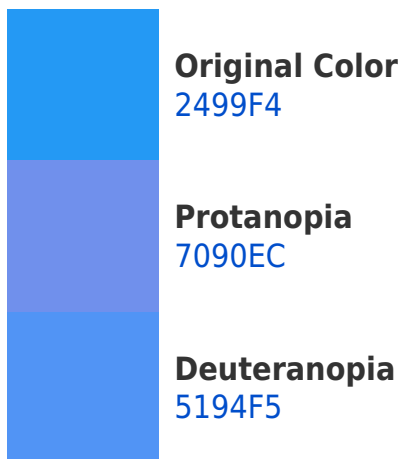


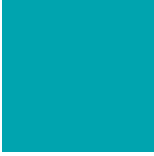
This preview shows how white text looks on a background with the Hex color 2499F4.

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](#).

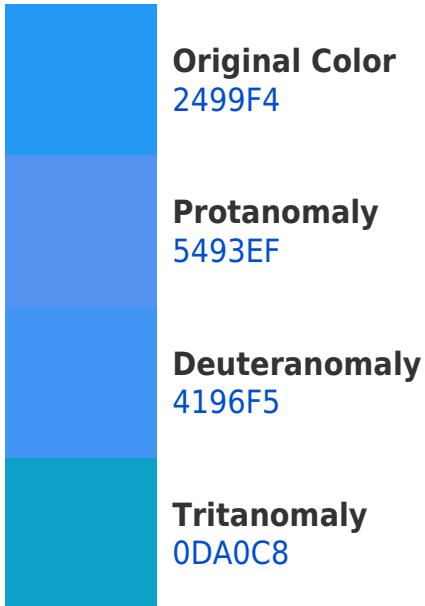
Dichromacy



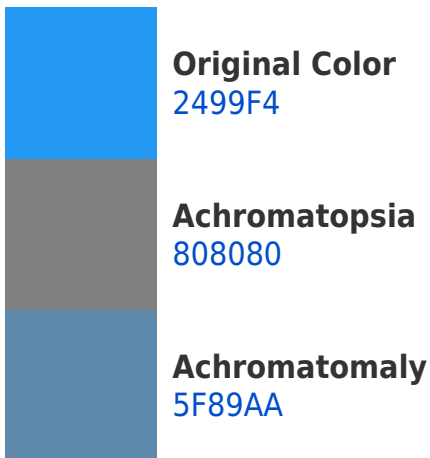


Tritanopia
00A4AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2499F4 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 #2499F4 looks like.

```
.text, #text, p{  
    color:#2499F4  
}
```

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 #2499F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2499F4
}
```

Border

The CSS property to change the border of an element to Hex 2499F4 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
#2499F4 }
```

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

```
.border{ border-color:#2499F4 }
```

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

Here you see how a box with a 4 pixel #2499F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2499F4; -webkit-box-shadow:4px 4px  
4px 4px #2499F4; box-shadow:4px 4px 4px  
4px #2499F4 }
```

Background

The CSS property to change the background color of an element to Hex 2499F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2499F4 }
```

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

```
.background{ background-color:#2499F4 }
```

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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