

Converting Colors

Hex(2495FF)

Have a look what the booklet for
Hex(2495FF) contains.

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Color

Hex(2495FF)

Conversions

Conversions Part 1

Format	Color
Hex	2495FF
RGB	36, 149, 255
RGB Percent	14%, 58%, 100%
CMY	0.8588, 0.4157, 0.0000
CMYK	0.86, 0.42, 0.00, 0.00
HSL	209°, 100%, 57%
HSV	209°, 86%, 100%
XYZ	29.5250, 29.0900, 98.6665
YIQ	127.2970, -101.3740, 9.0100

Conversions

Conversions Part 2

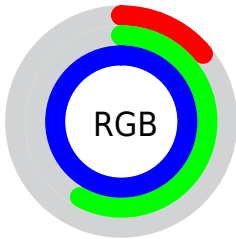
Format	Color
RYB	36, 111, 255
Decimal	2397695
CIELab	60.86, 7.33, -61.02
CIElCh	61, 61.458, 276.849
Yxy	29.0900, 0.1877, 0.1850
Android (android.graphics.Color)	4280587775 (0xFF2495FF)
YUV	127.2970, 62.9576, -80.0675
Hunter-Lab	53.9351, 3.3275, -70.7080

Details

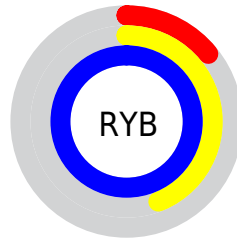
The Hex color **2495FF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FF8E24**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **79CBFF**, and **0063C6** is the 20% darker color. If you saturate the color by 10%, you get **0A89FF**, and if you desaturate by 10%, it is **3DA1FF**.

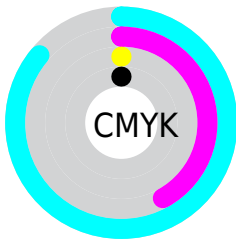
Distribution



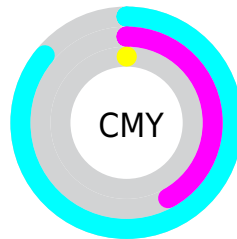
- Red (14%)
- Green (58%)
- Blue (100%)



- Red (14%)
- Yellow (44%)
- Blue (100%)



- Cyan (86%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2495FF 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 2495FF by changing the saturation by 10% instead.

 2495FF

 2495FF

FFFFFF

 007CE2

 79CBFF

 0063C6

 9AE6FF

 004CAA

 BAFFFF

 00368F

 D9FFFF

 002374

 F9FFFF

 000B5B

 000743

 00032C

 000116

 2495FF

 2495FF

 0A89FF

 3DA1FF

 0084FF

 57AEFF

 70BAFF

 8AC6FF

 A3D3FF

 BDDFFF

 D6EBFF

 F0F8FF

FFFFFF

Harmonies

Analogous

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



00A4F6



2495FF



A57FEA

Triad

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



2495FF



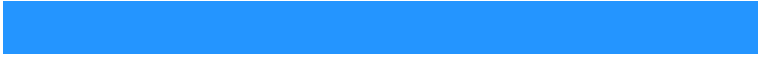
ED6A55



00AA66

Complementary

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



2495FF



FF8E24

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.



69A234



2495FF



D0802A

Square

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



2495FF



F45E89



A39415



00AD9E

Rectangle

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



2495FF



CF6FCF



A39415



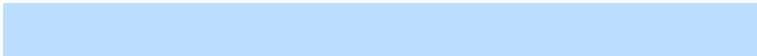
2EA854

Sweetspot

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



2495FF



BDDFFF



24FF8E



586C80



000000



808080

Same Dimension

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



2495FF



0084FF



2428FF



737980



0063BF



002140

Inverse Universe

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



FF2495



FF0084



FFFB24



807379



BF0063



400021

Previews

White Background



This preview shows how the Hex color 2495FF looks on a white background.

Color Contrast Check

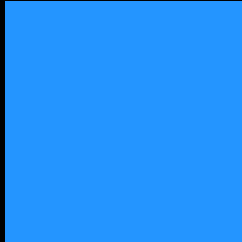
Large Text (above 18pt) WCAG AA ✓ Pass

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 2495FF 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

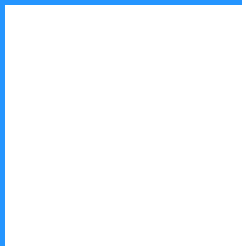
Any Text WCAG AAA × Fail

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

Hex 2495FF Background



This preview shows how black text looks on a background with the Hex color 2495FF.



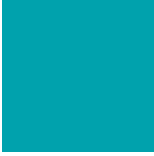
This preview shows how white text looks on a background with the Hex color 2495FF.

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](#).

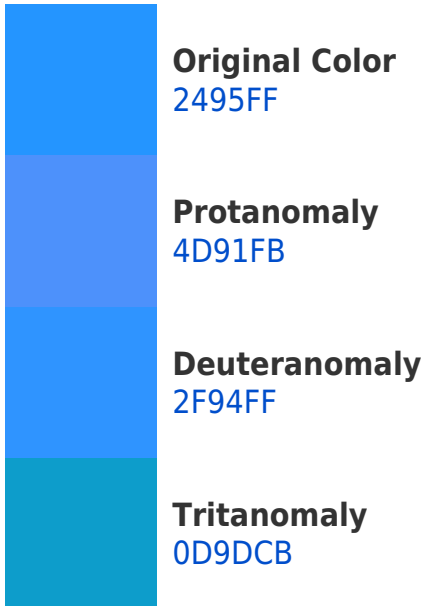
Dichromacy



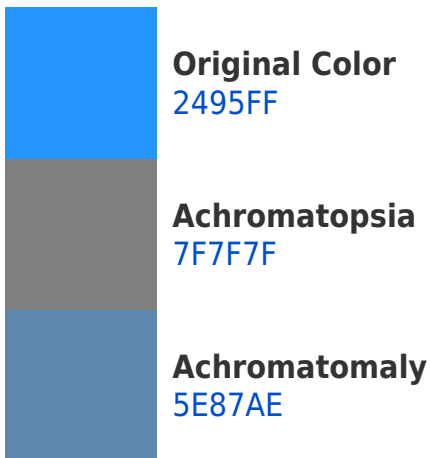


Tritanopia
00A2AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2495FF 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 #2495FF looks like.

```
.text, #text, p{  
    color:#2495FF  
}
```

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 #2495FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2495FF
}
```

Border

The CSS property to change the border of an element to Hex 2495FF 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
#2495FF }
```

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

```
.border{ border-color:#2495FF }
```

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

Here you see how a box with a 4 pixel #2495FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2495FF; -webkit-box-shadow:4px 4px  
4px 4px #2495FF; box-shadow:4px 4px 4px  
4px #2495FF }
```

Background

The CSS property to change the background color of an element to Hex 2495FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2495FF }
```

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

```
.background{ background-color:#2495FF }
```

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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