

# Converting Colors

Hex(2144F4)

Have a look what the booklet for  
Hex(2144F4) contains.

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**Color**

**Hex(2144F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2144F4
RGB	33, 68, 244
RGB Percent	13%, 27%, 96%
CMY	0.8706, 0.7333, 0.0431
CMYK	0.86, 0.72, 0.00, 0.04
HSL	230°, 91%, 54%
HSV	230°, 86%, 96%
XYZ	19.0235, 10.9892, 86.7064
YIQ	77.5990, -77.3560, 47.3160

# Conversions

## Conversions Part 2

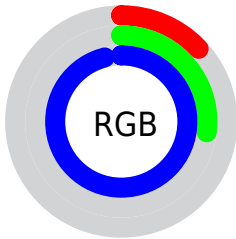
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 63, 244
Decimal	2180340
CIE <sub>Lab</sub>	39.56, 52.98, -89.58
CIE <sub>LCh</sub>	40, 104.076, 300.601
Yxy	10.9892, 0.1630, 0.0942
Android (android.graphics.Color)	4280370420 (0xFF2144F4)
<b>YUV</b>	77.5990, 82.0357, -39.1133
Hunter-Lab	33.1500, 44.4214, -131.8726

# Details

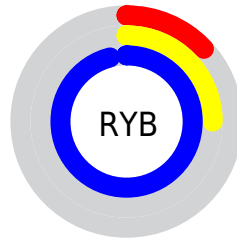
The Hex color **2144F4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F4D121**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7975FF**, and **0017BA** is the 20% darker color. If you saturate the color by 10%, you get **0930F4**, and if you desaturate by 10%, it is **3958F4**.

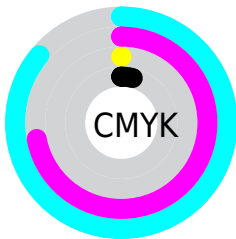
# Distribution



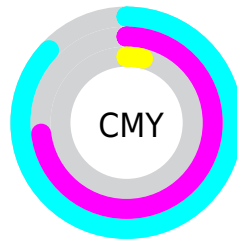
- Red (13%)
- Green (27%)
- Blue (96%)



- Red (13%)
- Yellow (25%)
- Blue (96%)



- Cyan (86%)
- Magenta (72%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (73%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2144F4 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 2144F4 by changing the saturation by 10% instead.



 2144F4

 2144F4

FFFFFF

 002DD7

 7975FF

 0017BA

 9B8FFF

 00059E

 BBAAFF

 000083

 DCC5FF

 000C69

 FCE2FF

 000A4F

FFFEFF

 000538

 000221

 000006

■ 2144F4

■ 2144F4

■ 0930F4

■ 3958F4

■ 0028F4

■ 526DF4

■ 6A81F4

■ 8395F4

■ 9BAAF4

■ B3BEF4

■ CCD2F4

■ E4E7F4

■ FDFBF4

# Harmonies

## Analogous

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



006CFF



2144F4



BC00B3

# Triad

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



2144F4



B02C00



007A5D

# Complementary

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



2144F4



F4D121

# 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.



007600



2144F4



715C00

# Square

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



2144F4



DA000D



006F00



007CB3

# Rectangle

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



2144F4



DD007C



006F00



00793F



# Sweetspot

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



2144F4



BDC8FF



21F4D1



585F80



000000



808080



# Same Dimension

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



2144F4



002AFF



6721F4



6E707A



001FBA



000A3B



# Inverse Universe

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



F42144



FF002A



AEF421



7A6E70



BA001F

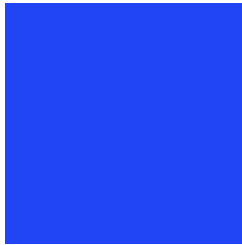


3B000A



# Previews

## White Background



This preview shows how the Hex color 2144F4 looks on a white background.

## Color Contrast Check

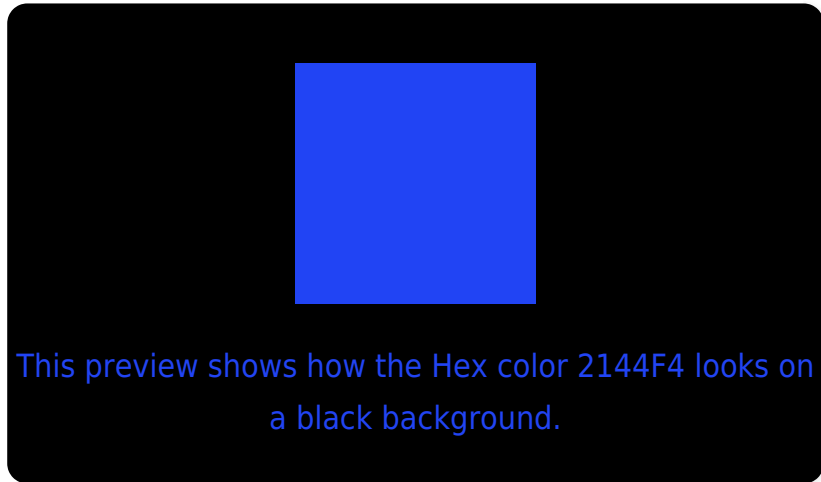
Large Text (above 18pt) WCAG AA ✓ Pass

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

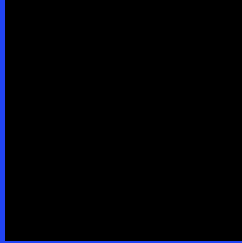
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2144F4 Background



This preview shows how black text looks on a background with the Hex color 2144F4.



This preview shows how white text looks on a background with the Hex color 2144F4.

# 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](#).

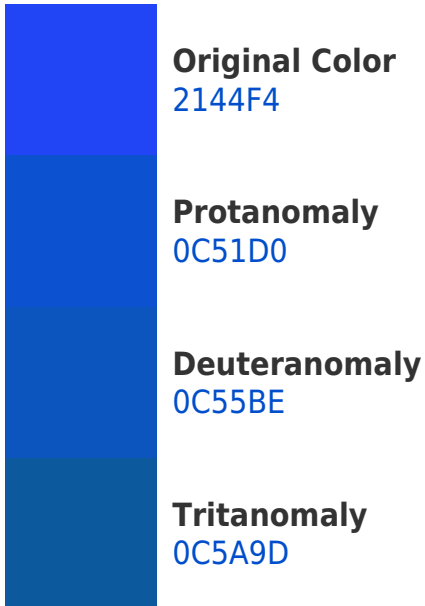
## Dichromacy





**Tritanopia**  
00666C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2144F4 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 #2144F4 looks like.

```
.text, #text, p{  
    color:#2144F4  
}
```

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 #2144F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2144F4
}
```

## Border

The CSS property to change the border of an element to Hex 2144F4 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
#2144F4 }
```

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

```
.border{ border-color:#2144F4 }
```

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

Here you see how a box with a 4 pixel #2144F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2144F4; -webkit-box-shadow:4px 4px  
4px 4px #2144F4; box-shadow:4px 4px 4px  
4px #2144F4 }
```

# Background

The CSS property to change the background color of an element to Hex 2144F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2144F4 }
```

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

```
.background{ background-color:#2144F4 }
```

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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