

Converting Colors

Hex(2744FA)

Have a look what the booklet for
Hex(2744FA) contains.

Hex(2744FA)	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(2744FA)

Conversions

Conversions Part 1

Format	Color
Hex	2744FA
RGB	39, 68, 250
RGB Percent	15%, 27%, 98%
CMY	0.8471, 0.7333, 0.0196
CMYK	0.84, 0.73, 0.00, 0.02
HSL	232°, 95%, 57%
HSV	232°, 84%, 98%
XYZ	20.1591, 11.4677, 91.5935
YIQ	80.0770, -75.7060, 50.4540

Conversions

Conversions Part 2

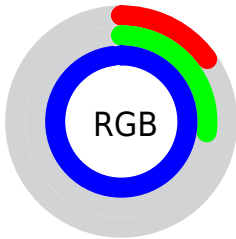
Format	Color
R _Y B	39, 64, 250
Decimal	2573562
CIE Lab	40.36, 55.26, -91.63
CIE LCh	40, 107.005, 301.094
Yxy	11.4677, 0.1636, 0.0931
Android (android.graphics.Color)	4280763642 (0xFF2744FA)
YUV	80.0770, 83.7720, -36.0245
Hunter-Lab	33.8640, 46.9985, -136.6595

Details

The Hex color **2744FA** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FADD27**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7D75FF**, and **0017C0** is the 20% darker color. If you saturate the color by 10%, you get **0E2EFA**, and if you desaturate by 10%, it is **405AFA**.

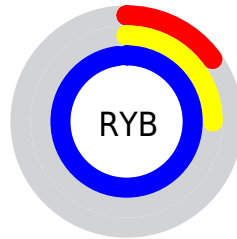
Distribution



Red (15%)

Green (27%)

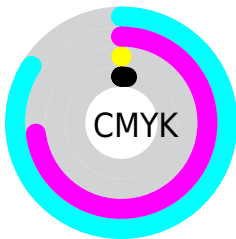
Blue (98%)



Red (15%)

Yellow (25%)

Blue (98%)

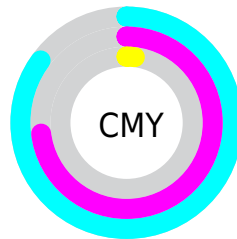


Cyan (84%)

Magenta (73%)

Yellow (0%)

Black (2%)



Cyan (85%)

Magenta (73%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2744FA 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 2744FA by changing the saturation by 10% instead.

 2744FA

 2744FA

FFFFFF

 002DDD

 7D75FF

 0017C0

 9F90FF

 0004A4

 C0AFFF

 000089


 E0C6FF

 00096E

 FFE2FF

 000C54

 00063C

 000225

 00010E

■ 2744FA

■ 2744FA

■ 0E2EFA

■ 405AFA

■ 0022FA

■ 596FFA

■ 7285FA

■ 8B9AFA

■ A4B0FA

■ BDC5FA

■ D6DBFA

■ EFF1FA

■ FFFFFA

Harmonies

Analogous

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



006EFF



2744FA



C200B6

Triad

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



2744FA



B42D00



007C60

Complementary

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



2744FA



FADD27

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.



007900



2744FA



725E00

Square

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



2744FA



DF000A



007100



007EB9

Rectangle

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



2744FA



E3007D



007100



007B41

Sweetspot

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



2744FA



BFC8FF



27FADA



595F80



000000



808080

Same Dimension

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



2744FA



0023FF



7127FA



70727D



001ABD



00083D

Inverse Universe

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



FA2744



FF0023



B0FA27



7D7072



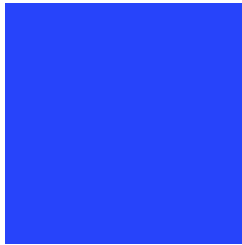
BD001A



3D0008

Previews

White Background



This preview shows how the Hex color 2744FA looks on a white background.

Color Contrast Check

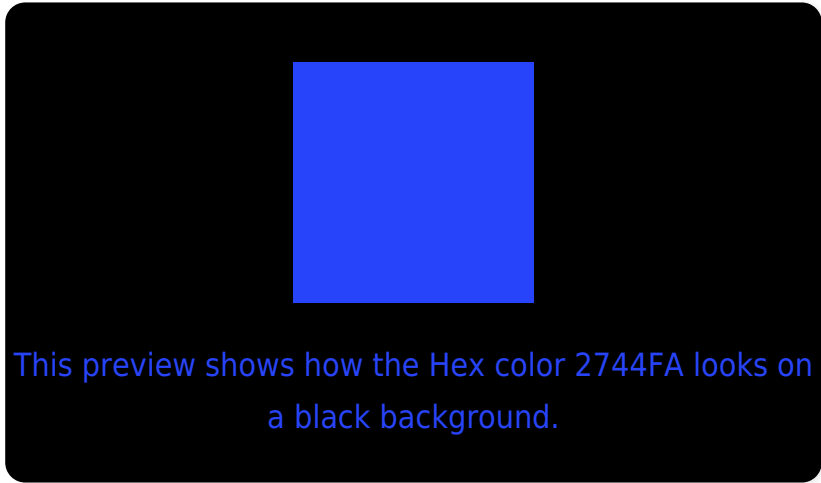
Large Text (above 18pt) WCAG AA ✓ Pass

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

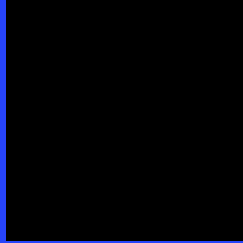
Any Text WCAG AA × Fail

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 2744FA Background



This preview shows how black text looks on a background with the Hex color 2744FA.

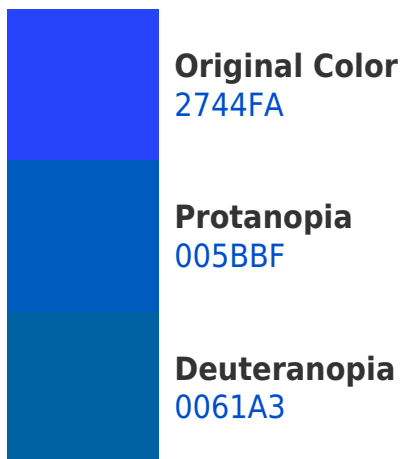


This preview shows how white text looks on a background with the Hex color 2744FA.

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
00686E

Trichromacy



Original Color
2744FA

Protanomaly
0E53D4

Deuteranomaly
0E56C3

Tritanomaly
0E5BA1

Monochromacy



Original Color
2744FA

Achromatopsia
505050

Achromatomaly
414C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2744FA 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 #2744FA looks like.

```
.text, #text, p{  
    color:#2744FA  
}
```

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 #2744FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2744FA
}
```

Border

The CSS property to change the border of an element to Hex 2744FA 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
#2744FA }
```

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

```
.border{ border-color:#2744FA }
```

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

Here you see how a box with a 4 pixel #2744FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2744FA; -webkit-box-shadow:4px 4px  
4px 4px #2744FA; box-shadow:4px 4px 4px  
4px #2744FA }
```

Background

The CSS property to change the background color of an element to Hex 2744FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2744FA }
```

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

```
.background{ background-color:#2744FA }
```

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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