

Converting Colors

Hex(3636F5)

Have a look what the booklet for
Hex(3636F5) contains.

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Color

Hex(3636F5)

Conversions

Conversions Part 1

Format	Color
Hex	3636F5
RGB	54, 54, 245
RGB Percent	21%, 21%, 96%
CMY	0.7882, 0.7882, 0.0392
CMYK	0.78, 0.78, 0.00, 0.04
HSL	240°, 91%, 59%
HSV	240°, 78%, 96%
XYZ	19.3219, 10.0152, 87.3009
YIQ	75.7740, -61.3110, 59.4010

Conversions

Conversions Part 2

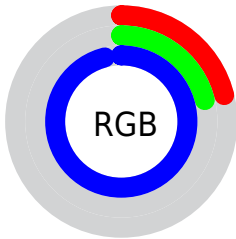
Format	Color
R _Y B	54, 54, 245
Decimal	3553013
CIE Lab	37.87, 61.80, -92.92
CIE LCh	38, 111.596, 303.626
Yxy	10.0152, 0.1657, 0.0859
Android (android.graphics.Color)	4281743093 (0xFF3636F5)
YUV	75.7740, 83.4284, -19.0958
Hunter-Lab	31.6468, 53.6013, -141.4050

Details

The Hex color **3636F5** 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 **F5F536**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8469FF**, and **0001BB** is the 20% darker color. If you saturate the color by 10%, you get **1D1DF5**, and if you desaturate by 10%, it is **4E4EF5**.

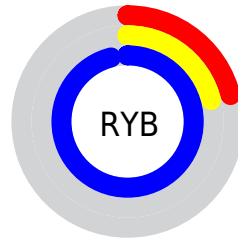
Distribution



 Red (21%)

 Green (21%)

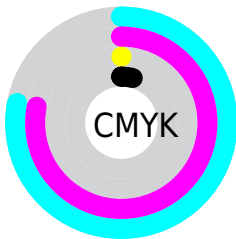
 Blue (96%)




 Red (21%)

 Yellow (21%)

 Blue (96%)

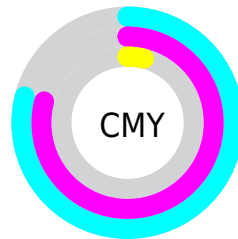


 Cyan (78%)

 Magenta (78%)

 Yellow (0%)

 Black (4%)



 Cyan (79%)

 Magenta (79%)

 Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3636F5 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 3636F5 by changing the saturation by 10% instead.

 3636F5

 3636F5

FFFFFF

 001DD8

 8469FF

 0001BB

 A583FF

 00009F

 C69EFF

 000084

 E6B9FF

 000B69

 FFD5FF

 000A50

 FFF2FF

 000538

 000222

 000007

 3636F5

 3636F5

 1D1DF5

 4E4EF5

 0505F5

 6767F5

 0000F5

 7F7FF5

 9898F5

 B1B1F5

 C9C9F5

 E2E2F5

 FAFAF5

 FFFFF5

Harmonies

Analogous

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



0067FF



3636F5



C400AC

Triad

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



3636F5



A92A00



007663

Complementary

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



3636F5



F5F536

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.



007300



3636F5



645B00

Square

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



3636F5



D90000



006C00



0078BE

Rectangle

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



3636F5



E20071



006C00



007543

Sweetspot

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



3636F5



C4C4FF



36F5F5



5C5C80



000000



808080

Same Dimension

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



3636F5



0F0FFF



9636F5



6E6E7A



0000BA



00003B

Inverse Universe

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



F536F5



FF0FFF



96F536



7A6E7A



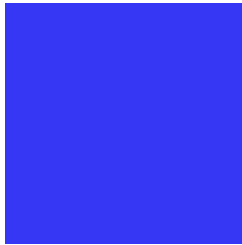
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 3636F5 looks on a white background.

Color Contrast Check

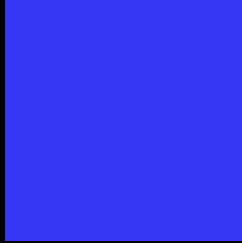
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3636F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

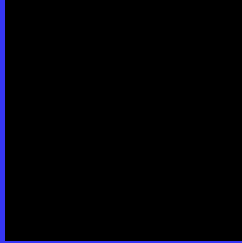
Any Text WCAG AA × Fail

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 3636F5 Background



This preview shows how black text looks on a background with the Hex color 3636F5.



This preview shows how white text looks on a background with the Hex color 3636F5.

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



Trichromacy



Original Color
3636F5

Protanomaly
144ACB

Tritanomaly
14529B

Monochromacy



Original Color
3636F5

Achromatopsia
4C4C4C

Achromatomaly
444489

CSS Examples

Text

The CSS property to change the color of the text to Hex 3636F5 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 #3636F5 looks like.

```
.text, #text, p{  
  color:#3636F5  
}
```

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 #3636F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3636F5
}
```

Border

The CSS property to change the border of an element to Hex 3636F5 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".

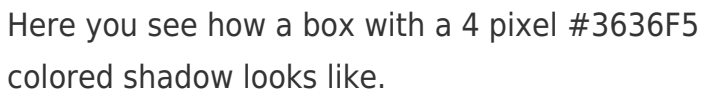
```
.border, #border, table{ border:4px solid
#3636F5 }
```

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

```
.border{ border-color:#3636F5 }
```

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

Here you see how a box with a 4 pixel #3636F5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3636F5; -webkit-box-shadow:4px 4px  
4px 4px #3636F5; box-shadow:4px 4px 4px  
4px #3636F5 }
```

Background

The CSS property to change the background color of an element to Hex 3636F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3636F5 }
```

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

```
.background{ background-color:#3636F5 }
```

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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