

Converting Colors

Hex(6343EF)

Have a look what the booklet for
Hex(6343EF) contains.

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Color

Hex(6343EF)

Conversions

Conversions Part 1

Format	Color
Hex	6343EF
RGB	99, 67, 239
RGB Percent	39%, 26%, 94%
CMY	0.6118, 0.7373, 0.0627
CMYK	0.59, 0.72, 0.00, 0.06
HSL	251°, 84%, 60%
HSV	251°, 72%, 94%
XYZ	22.7327, 12.8990, 82.9530
YIQ	96.1760, -36.1400, 60.2760

Conversions

Conversions Part 2

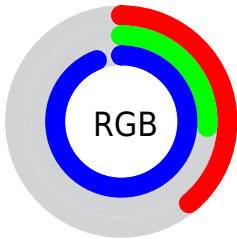
Format	Color
R_{YB}	99, 67, 239
Decimal	6505455
CIE _{Lab}	42.61, 57.73, -81.61
CIE _{LCh}	43, 99.969, 305.277
Yxy	12.8990, 0.1917, 0.1088
Android (android.graphics.Color)	4284695535 (0xFF6343EF)
YUV	96.1760, 70.4122, 2.4766
Hunter-Lab	35.9151, 50.1314, -111.8012

Details

The Hex color **6343EF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **CFEF43**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A276FF**, and **000EB6** is the 20% darker color. If you saturate the color by 10%, you get **502BEF**, and if you desaturate by 10%, it is **765BEF**.

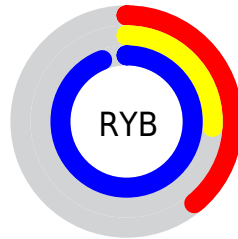
Distribution



Red (39%)

Green (26%)

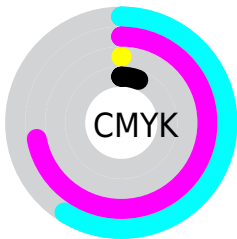
Blue (94%)



Red (39%)

Yellow (26%)

Blue (94%)

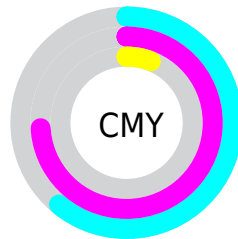


Cyan (59%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (61%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6343EF 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 6343EF by changing the saturation by 10% instead.

 6343EF

 6343EF

FFFFFF

 3F2AD2

 A276FF

 000EB6

 C191FF

 00009A

 E0ACFF

 00007F

 FFC8FF

 000065

 FFE5FF

 00094C

 000434

 00021E

 000000

 6343EF

 6343EF

 502BEF

 765BEF

 3C13EF

 8A73EF

 2C00EF

 9D8BEF

 B1A3EF

 C4BAEF

 D8D2EF

 EBBAEF

 FFFFEF

Harmonies

Analogous

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



006EFF



6343EF



CC00AC

Triad

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



6343EF



AF4200



008272

Complementary

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



6343EF



CFEF43

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.



007F11



6343EF



6E6700

Square

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



6343EF



DC0004



007800



0083C4

Rectangle

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



6343EF



E60076



007800



008155

Sweetspot

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



6343EF



D1C7FF



43CFEF



655E80



000000



808080

Same Dimension

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



6343EF



4D24FF



B943EF



6E6C78



2200B8



0A0038

Inverse Universe

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



EF43CF



FF24D6



79EF43



786C76



B80095



38002E

Previews

White Background



This preview shows how the Hex color 6343EF looks on a white background.

Color Contrast Check

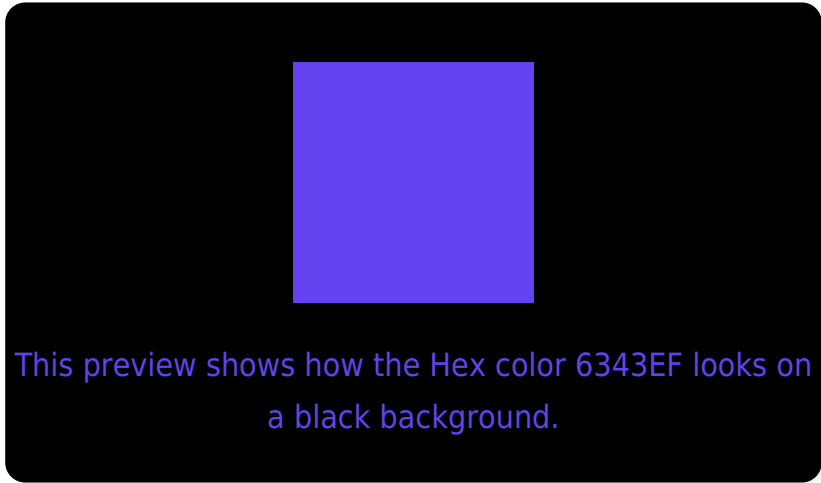
Large Text (above 18pt) WCAG AA ✓ Pass

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 6343EF Background



This preview shows how black text looks on a background with the Hex color 6343EF.



This preview shows how white text looks on a background with the Hex color 6343EF.

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

6343EF



Protanomaly

2456D9



Tritanomaly

425EA2

Monochromacy



Original Color

6343EF



Achromatopsia

606060



Achromatomaly

615594

CSS Examples

Text

The CSS property to change the color of the text to Hex 6343EF 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 #6343EF looks like.

```
.text, #text, p{  
    color:#6343EF  
}
```

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 #6343EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6343EF
}
```

Border

The CSS property to change the border of an element to Hex 6343EF 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
#6343EF }
```

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

```
.border{ border-color:#6343EF }
```

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

Here you see how a box with a 4 pixel #6343EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6343EF; -webkit-box-shadow:4px 4px  
4px 4px #6343EF; box-shadow:4px 4px 4px  
4px #6343EF }
```

Background

The CSS property to change the background color of an element to Hex 6343EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6343EF }
```

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

```
.background{ background-color:#6343EF }
```

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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