

Converting Colors

Hex(6034E4)

Have a look what the booklet for
Hex(6034E4) contains.

Hex(6034E4)	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(6034E4)

Conversions

Conversions Part 1

Format	Color
Hex	6034E4
RGB	96, 52, 228
RGB Percent	38%, 20%, 89%
CMY	0.6235, 0.7961, 0.1059
CMYK	0.58, 0.77, 0.00, 0.11
HSL	255°, 77%, 55%
HSV	255°, 77%, 89%
XYZ	20.0555, 10.5442, 74.3770
YIQ	85.2200, -30.2720, 64.0640

Conversions

Conversions Part 2

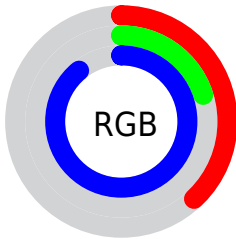
Format	Color
R _Y B	96, 52, 228
Decimal	6304996
CIE _{Lab}	38.80, 61.45, -81.65
CIE _{LCh}	39, 102.195, 306.966
Y _{xy}	10.5442, 0.1910, 0.1004
Android (android.graphics.Color)	4284495076 (0xFF6034E4)
Y _{UV}	85.2200, 70.3905, 9.4541
Hunter-Lab	32.4719, 53.4204, -113.0738

Details

The Hex color **6034E4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **B8E434**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9F68FF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **4F1DE4**, and if you desaturate by 10%, it is **714BE4**.

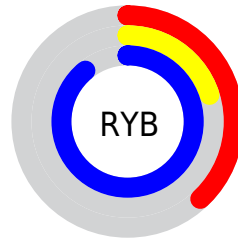
Distribution



Red (38%)

Green (20%)

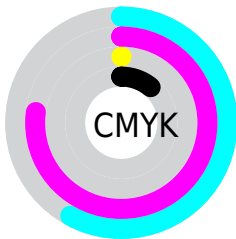
Blue (89%)



Red (38%)

Yellow (20%)

Blue (89%)

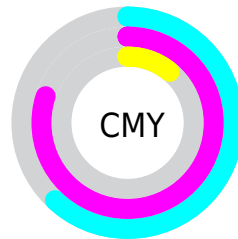


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (80%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6034E4 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 6034E4 by changing the saturation by 10% instead.

 6034E4

 6034E4

FFFFFF

 3C18C7

 9F68FF

 0000AB

 BE83FF

 000090

 DD9EFF

 000075

 FCBAFF

 00035B

 FFD6FF

 000742

 FFF3FF

 00032B

 000116

 000000

■ 6034E4

■ 6034E4

■ 4F1DE4

■ 714BE4

■ 3E06E4

■ 8262E4

■ 3900E4

■ 9378E4

■ A48FE4

■ B6A6E4

■ C7BDE4

■ D8D4E4

■ E9EAE4

■ FAFFE4

Harmonies

Analogous

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



0064FF



6034E4



C5009E

Triad

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



6034E4



A13A00



00786E

Complementary

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



6034E4



B8E434

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.



00750A



6034E4



5F5F00

Square

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



6034E4



D00000



006F00



0079C0

Rectangle

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



6034E4



DD0068



006F00



007750

Sweetspot

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



6034E4



D3C4FF



34B8E4



655C80



000000



808080

Same Dimension

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



6034E4



4D12FF



B834E4



6A6773



2D00B3



0D0033

Inverse Universe

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



E434B8



FF12C4



60E434



736770



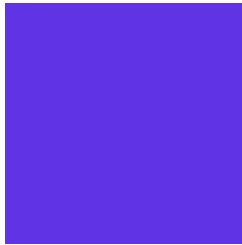
B30086



330026

Previews

White Background



This preview shows how the Hex color 6034E4 looks on a white background.

Color Contrast Check

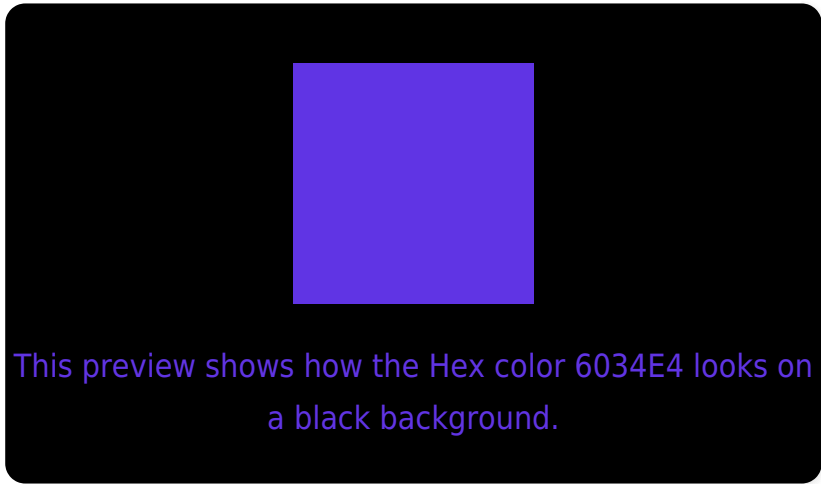
Large Text (above 18pt) WCAG AA ✓ Pass

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

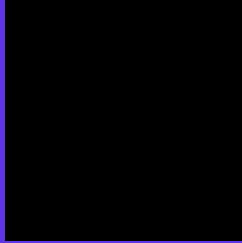
Any Text WCAG AA × Fail

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 6034E4 Background



This preview shows how black text looks on a background with the Hex color 6034E4.

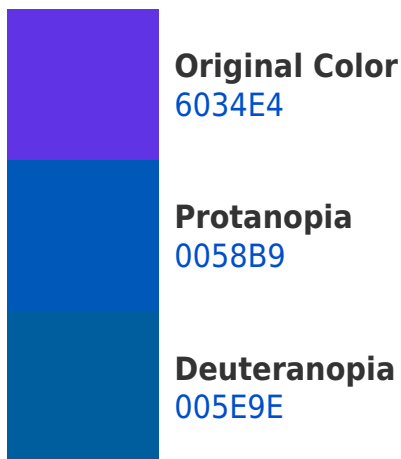


This preview shows how white text looks on a background with the Hex color 6034E4.

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
2E636B

Trichromacy



Original Color
6034E4



Protanomaly
234BC9



Deuteranomaly
234FB7



Tritanomaly
405297

Monochromacy



Original Color
6034E4



Achromatopsia
555555



Achromatomaly
594989

CSS Examples

Text

The CSS property to change the color of the text to Hex 6034E4 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 #6034E4 looks like.

```
.text, #text, p{  
    color:#6034E4  
}
```

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 #6034E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6034E4
}
```

Border

The CSS property to change the border of an element to Hex 6034E4 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".

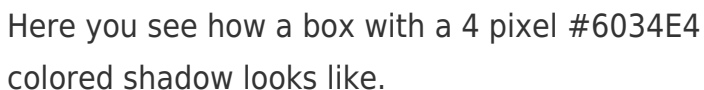
```
.border, #border, table{ border:4px solid
#6034E4 }
```

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

```
.border{ border-color:#6034E4 }
```

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

Here you see how a box with a 4 pixel #6034E4 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6034E4; -webkit-box-shadow:4px 4px  
4px 4px #6034E4; box-shadow:4px 4px 4px  
4px #6034E4 }
```

Background

The CSS property to change the background color of an element to Hex 6034E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6034E4 }
```

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

```
.background{ background-color:#6034E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor