

Converting Colors

Hex(4035E6)

Have a look what the booklet for
Hex(4035E6) contains.

Hex(4035E6)	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(4035E6)

Conversions

Conversions Part 1

Format	Color
Hex	4035E6
RGB	64, 53, 230
RGB Percent	25%, 21%, 90%
CMY	0.7490, 0.7922, 0.0980
CMYK	0.72, 0.77, 0.00, 0.10
HSL	244°, 78%, 55%
HSV	244°, 77%, 90%
XYZ	17.6704, 9.3494, 75.7362
YIQ	76.4670, -50.2610, 57.3790

Conversions

Conversions Part 2

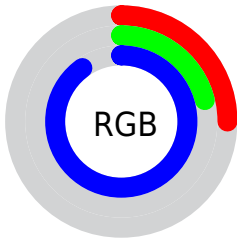
Format	Color
R _{YB}	64, 53, 230
Decimal	4208102
CIE Lab	36.65, 58.44, -86.43
CIE LCh	37, 104.333, 304.062
Yxy	9.3494, 0.1720, 0.0910
Android (android.graphics.Color)	4282398182 (0xFF4035E6)
YUV	76.4670, 75.6918, -10.9336
Hunter-Lab	30.5767, 49.6464, -125.4530

Details

The Hex color **4035E6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **DBE635**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8767FF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **2A1EE6**, and if you desaturate by 10%, it is **564CE6**.

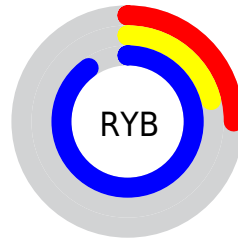
Distribution



Red (25%)

Green (21%)

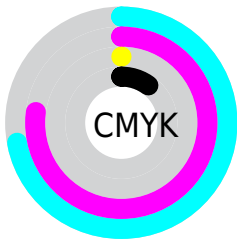
Blue (90%)



Red (25%)

Yellow (21%)

Blue (90%)

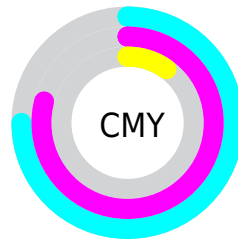


Cyan (72%)

Magenta (77%)

Yellow (0%)

Black (10%)



Cyan (75%)

Magenta (79%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4035E6 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 4035E6 by changing the saturation by 10% instead.

 4035E6

 4035E6

FFFFFF

 001CC9

 8767FF

 0000AD

 A781FF

 000091

 C79CFF

 000077

 E6B8FF

 000D5D

 FFD4FF

 000744

 FFF1FF

 00032D

 000117

 000000

■ 4035E6

■ 4035E6

■ 2A1EE6

■ 564CE6

■ 1507E6

■ 6B63E6

■ 0E00E6

■ 817AE6

■ 9691E6

■ ACA8E6

■ C1BFE6

■ D7D6E6

■ EDEDE6

■ FFFFE6

Harmonies

Analogous

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



0062FF



4035E6



BB00A2

Triad

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



4035E6



A12D00



007260

Complementary

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



4035E6



DBE635

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.



006F00



4035E6



605800

Square

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



4035E6



CD0000



006900



0074B5

Rectangle

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



4035E6



D7006B



006900



007143

Sweetspot

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



4035E6



C8C4FF



35DDE6



5E5C80



000000



808080

Same Dimension

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



4035E6



2314FF



9635E6



686773



0B00B3



030033

Inverse Universe

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



E635DB



FF14F0



85E635



736772



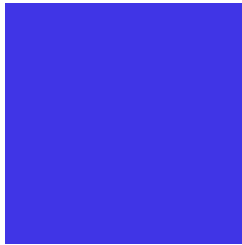
B300A7



330030

Previews

White Background



This preview shows how the Hex color 4035E6 looks on a white background.

Color Contrast Check

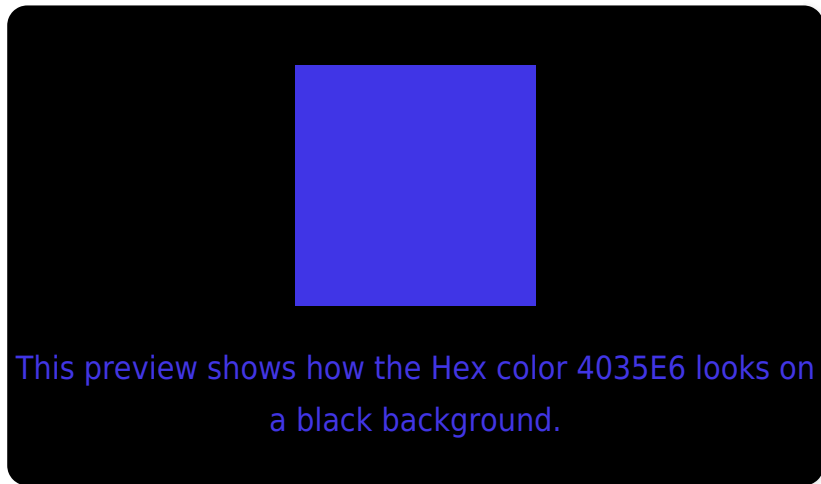
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

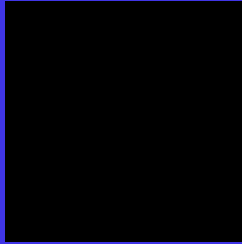
Any Text WCAG AA × Fail

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 4035E6 Background



This preview shows how black text looks on a background with the Hex color 4035E6.

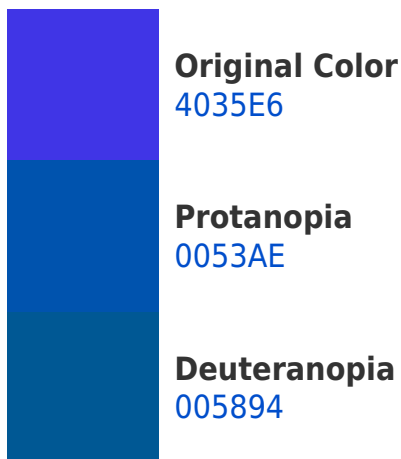


This preview shows how white text looks on a background with the Hex color 4035E6.

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](#).

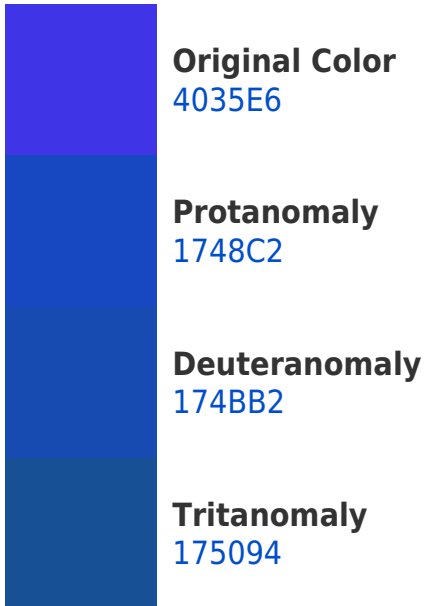
Dichromacy





Tritanopia
005F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4035E6 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 #4035E6 looks like.

```
.text, #text, p{  
    color:#4035E6  
}
```

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 #4035E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4035E6
}
```

Border

The CSS property to change the border of an element to Hex 4035E6 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
#4035E6 }
```

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

```
.border{ border-color:#4035E6 }
```

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

Here you see how a box with a 4 pixel #4035E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4035E6; -webkit-box-shadow:4px 4px  
4px 4px #4035E6; box-shadow:4px 4px 4px  
4px #4035E6 }
```

Background

The CSS property to change the background color of an element to Hex 4035E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4035E6 }
```

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

```
.background{ background-color:#4035E6 }
```

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