

Converting Colors

Hex(003EE6)

Have a look what the booklet for
Hex(003EE6) contains.

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Color

Hex(003EE6)

Conversions

Conversions Part 1

Format	Color
Hex	003EE6
RGB	0, 62, 230
RGB Percent	0%, 24%, 90%
CMY	1.0000, 0.7569, 0.0980
CMYK	1.00, 0.73, 0.00, 0.10
HSL	224°, 100%, 45%
HSV	224°, 100%, 90%
XYZ	16.0056, 9.1584, 75.7871
YIQ	62.6140, -90.8800, 39.1040

Conversions

Conversions Part 2

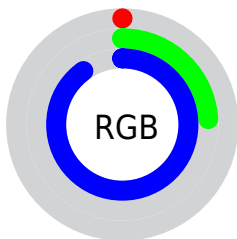
Format	Color
RYB	0, 49, 230
Decimal	16102
CIELab	36.29, 50.73, -87.09
CIElCh	36, 100.793, 300.220
Yxy	9.1584, 0.1585, 0.0907
Android (android.graphics.Color)	4278206182 (0xFF003EE6)
YUV	62.6140, 82.5213, -54.9125
Hunter-Lab	30.2629, 41.4457, -127.2954

Details

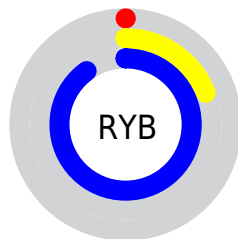
The Hex color **003EE6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E6A800**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6E6EFF**, and **0013AD** is the 20% darker color. If you saturate the color by 10%, you get **003EE6**, and if you desaturate by 10%, it is **174FE6**.

Distribution



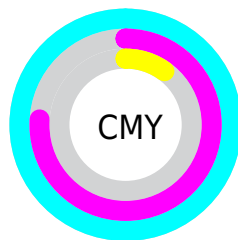
- Red (0%)
- Green (24%)
- Blue (90%)



- Red (0%)
- Yellow (19%)
- Blue (90%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (76%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003EE6 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 003EE6 by changing the saturation by 10% instead.

 003EE6

 003EE6

FFFFFF

 0028C9

 6E6EFF

 0013AD

 9088FF

 000391

 B0A3FF

 000077

 D0BEFF

 000E5D

 F0DAFF

 000744

 FFF6FF

 00032D

 000117

 000000

■ 003EE6

■ 174FE6

■ 2E60E6

■ 4570E6

■ 5C81E6

■ 7392E6

■ 8AA3E6

■ A1B4E6

■ B8C4E6

■ CFD5E6

Harmonies

Analogous

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



0064FE



003EE6



AF00A8

Triad

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



003EE6



A52400



007054

Complementary

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



003EE6



E6A800

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.



006D00



003EE6



695400

Square

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



003EE6



CC000A



006600



0072A7

Rectangle

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



003EE6



CE0074



006600



006F37

Sweetspot

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



003EE6



B3C7FF



00E6A5



525E80



000000



808080

Same Dimension

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



003EE6



0045FF



3200E6



676A73



0030B3



000E33

Inverse Universe

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



E6003E



FF0045



B4E600



73676A



B30030



33000E

Previews

White Background



This preview shows how the Hex color 003EE6 looks on a white background.

Color Contrast Check

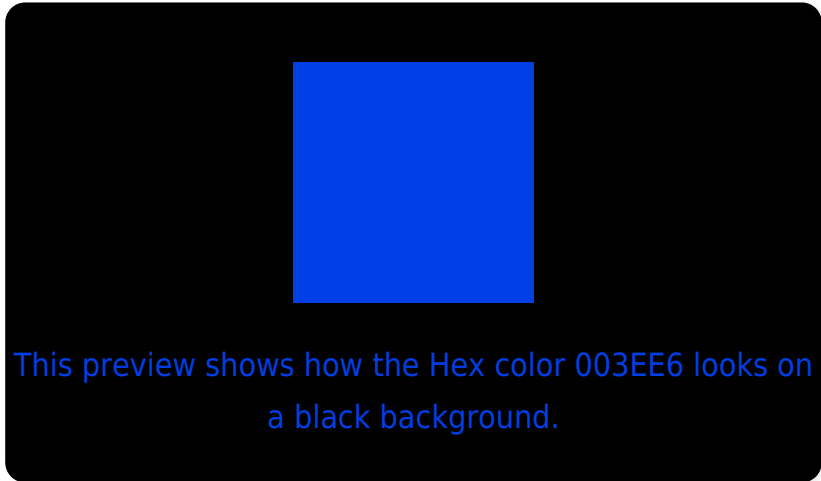
Large Text (above 18pt) WCAG AA ✓ Pass

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

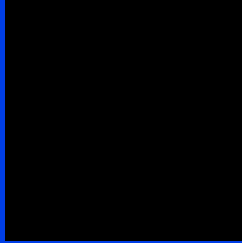
Any Text WCAG AA × Fail

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 003EE6 Background



This preview shows how black text looks on a background with the Hex color 003EE6.



This preview shows how white text looks on a background with the Hex color 003EE6.

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
005E63

Trichromacy



Original Color
003EE6

Protanomaly
004BC1

Deuteranomaly
004FB1

Tritanomaly
005293

Monochromacy



Original Color
003EE6

Achromatopsia
3F3F3F

Achromatomaly
283F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 003EE6 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 #003EE6 looks like.

```
.text, #text, p{  
    color:#003EE6  
}
```

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 #003EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003EE6
}
```

Border

The CSS property to change the border of an element to Hex 003EE6 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
#003EE6 }
```

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

```
.border{ border-color:#003EE6 }
```

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

Here you see how a box with a 4 pixel #003EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003EE6; -webkit-box-shadow:4px 4px  
4px 4px #003EE6; box-shadow:4px 4px 4px  
4px #003EE6 }
```

Background

The CSS property to change the background color of an element to Hex 003EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003EE6 }
```

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

```
.background{ background-color:#003EE6 }
```

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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