

Converting Colors

Hex(0404E6)

Have a look what the booklet for
Hex(0404E6) contains.

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Color

Hex(0404E6)

Conversions

Conversions Part 1

Format	Color
Hex	0404E6
RGB	4, 4, 230
RGB Percent	2%, 2%, 90%
CMY	0.9843, 0.9843, 0.0980
CMYK	0.98, 0.98, 0.00, 0.10
HSL	240°, 97%, 46%
HSV	240°, 98%, 90%
XYZ	14.3764, 5.8258, 75.2297
YIQ	29.7640, -72.5460, 70.2860

Conversions

Conversions Part 2

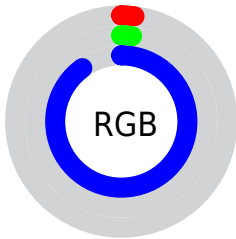
Format	Color
R _Y B	4, 4, 230
Decimal	263398
CIE Lab	28.97, 72.57, -99.28
CIE LCh	29, 122.975, 306.167
Yxy	5.8258, 0.1506, 0.0610
Android (android.graphics.Color)	4278453478 (0xFF0404E6)
YUV	29.7640, 98.7163, -22.5950
Hunter-Lab	24.1367, 64.0796, -167.9002

Details

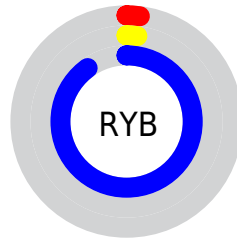
The Hex color **0404E6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **E6E604**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **7345FF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **0000E6**, and if you desaturate by 10%, it is **1B1BE6**.

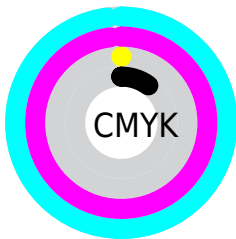
Distribution



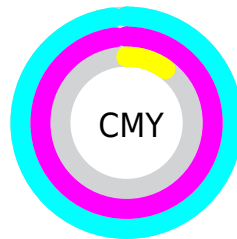
- Red (2%)
- Green (2%)
- Blue (90%)



- Red (2%)
- Yellow (2%)
- Blue (90%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (10%)



- Cyan (98%)
- Magenta (98%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0404E6 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 0404E6 by changing the saturation by 10% instead.

■ 0404E6

■ 0404E6

FFFFFF

■ 0000C9

■ 7345FF

■ 0000AD

■ 9560FF

■ 000091

■ B67BFF

■ 000476

■ D797FF

■ 000D5C

■ F7B3FF

■ 000743

■ FFCFFF

■ 00032C

■ FFECFF

■ 000117

■ 000000

■ 0404E6

■ 0404E6

■ 0000E6

■ 1B1BE6

■ 3232E6

■ 4949E6

■ 6060E6

■ 7777E6

■ 8E8EE6

■ A5A5E6

■ BCBCE6

■ D3D3E6

Harmonies

Analogous

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



0054FF



0404E6



B80094

Triad

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



0404E6



8D0A00



005E57

Complementary

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



0404E6



E6E604

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.



005C00



0404E6



434900

Square

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



0404E6



C10000



005700



0062B7

Rectangle

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



0404E6



D30056



005700



005D35

Sweetspot

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



0404E6



B5B5FF



04E6E6



535380



000000



808080

Same Dimension

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



0404E6



0000FF



7504E6



676773



0000B3



000033

Inverse Universe

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



E604E6



FF00FF



75E604



736773



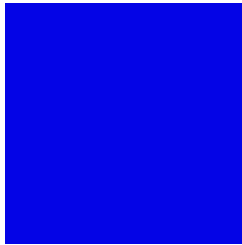
B300B3



330033

Previews

White Background



This preview shows how the Hex color 0404E6 looks on a white background.

Color Contrast Check

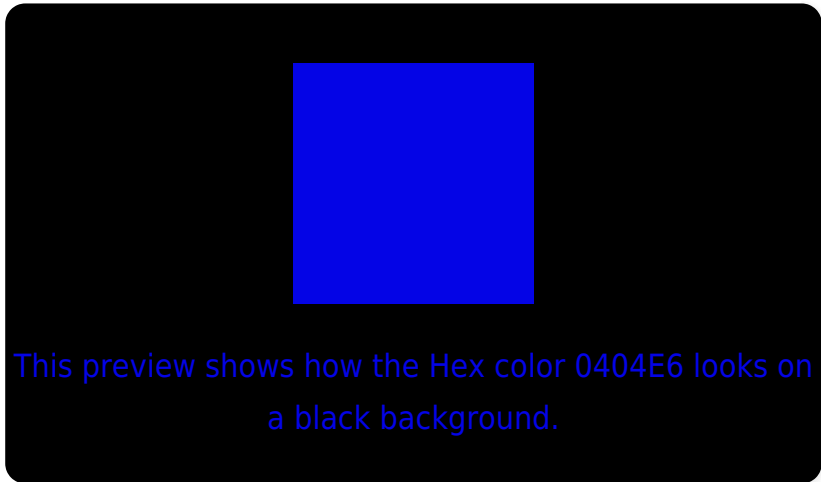
Large Text (above 18pt) WCAG AA ✓ Pass

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

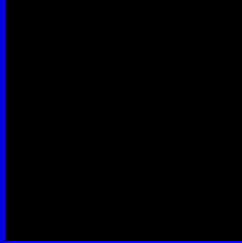
Any Text WCAG AA × Fail

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 0404E6 Background



This preview shows how black text looks on a background with the Hex color 0404E6.



This preview shows how white text looks on a background with the Hex color 0404E6.

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



Original Color
0404E6

Protanopia
00438D

Deuteranopia
004877

Trichromacy



Original Color
0404E6

Protanomaly
012CAD

Deuteranomaly
012F9F

Tritanomaly
013287

Monochromacy



Original Color
0404E6

Achromatopsia
1E1E1E

Achromatomaly
151567

CSS Examples

Text

The CSS property to change the color of the text to Hex 0404E6 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 #0404E6 looks like.

```
.text, #text, p{  
    color:#0404E6  
}
```

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 #0404E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0404E6
}
```

Border

The CSS property to change the border of an element to Hex 0404E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

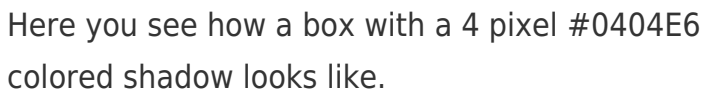
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0404E6 }
```

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

```
.border{ border-color:#0404E6 }
```

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



Here you see how a box with a 4 pixel #0404E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0404E6; -webkit-box-shadow:4px 4px  
4px 4px #0404E6; box-shadow:4px 4px 4px  
4px #0404E6 }
```

Background

The CSS property to change the background color of an element to Hex 0404E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0404E6 }
```

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

```
.background{ background-color:#0404E6 }
```

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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