

Converting Colors

Hex(0424E4)

Have a look what the booklet for
Hex(0424E4) contains.

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Color

Hex(0424E4)

Conversions

Conversions Part 1

Format	Color
Hex	0424E4
RGB	4, 36, 228
RGB Percent	2%, 14%, 89%
CMY	0.9843, 0.8588, 0.1059
CMYK	0.98, 0.84, 0.00, 0.11
HSL	231°, 97%, 45%
HSV	231°, 98%, 89%
XYZ	14.6845, 6.8890, 73.9545
YIQ	48.3200, -80.7040, 52.9280

Conversions

Conversions Part 2

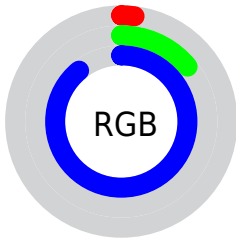
Format	Color
R _Y B	4, 32, 228
Decimal	271588
CIE Lab	31.55, 63.32, -93.82
CIE LCh	32, 113.189, 304.018
Yxy	6.8890, 0.1537, 0.0721
Android (android.graphics.Color)	4278461668 (0xFF0424E4)
YUV	48.3200, 88.5822, -38.8686
Hunter-Lab	26.2469, 53.9345, -148.6855

Details

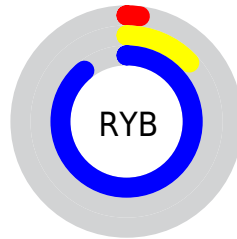
The Hex color **0424E4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E4C404**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7057FF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **0021E4**, and if you desaturate by 10%, it is **1B38E4**.

Distribution



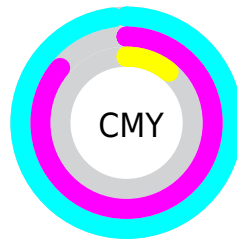
- Red (2%)
- Green (14%)
- Blue (89%)



- Red (2%)
- Yellow (13%)
- Blue (89%)



- Cyan (98%)
- Magenta (84%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (86%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0424E4 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 0424E4 by changing the saturation by 10% instead.

0424E4

0424E4

FFFFFF

0007C7

7057FF

0000AB

9371FF

00008F

B38BFF

000274

D4A6FF

000D5B

F4C2FF

000742

FFDFFF

00032B

FFFCFF

000115

000000

■ 0424E4

■ 0424E4

■ 0021E4

■ 1B38E4

■ 324BE4

■ 485FE4

■ 5F72E4

■ 7686E4

■ 8D99E4

■ A4ADE4

■ BAC0E4

■ D1D4E4

Harmonies

Analogous

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



0059FF



0424E4



B3009B

Triad

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



0424E4



951500



006455

Complementary

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



0424E4



E4C404

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.



006200



0424E4



514C00

Square

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



0424E4



C40000



005D00



0067AF

Rectangle

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



0424E4



CF0060



005D00



006335

Sweetspot

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



0424E4



B5C0FF



04E4C2



535980



000000



808080

Same Dimension

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



0424E4



0024FF



5204E4



676973



0019B3



000733

Inverse Universe

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



E40424



FF0024



96E404



736769



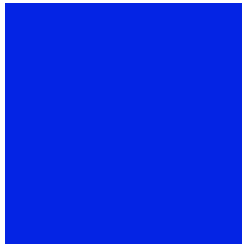
B3001A



330007

Previews

White Background



This preview shows how the Hex color 0424E4 looks on a white background.

Color Contrast Check

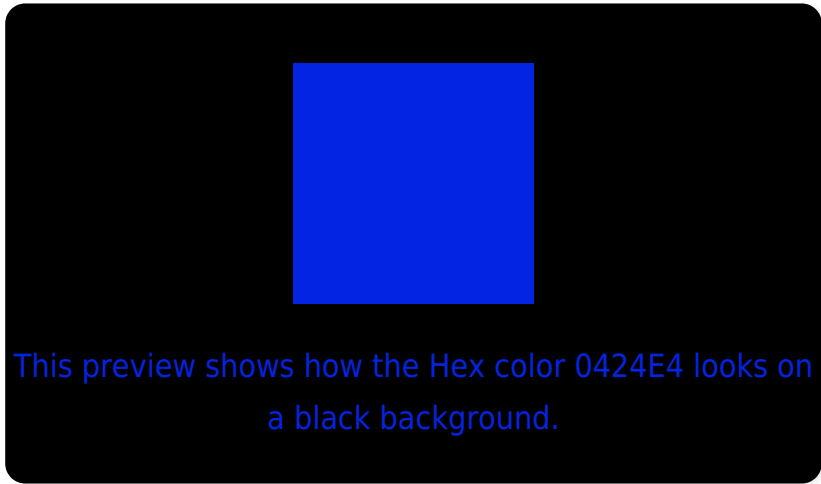
Large Text (above 18pt) WCAG AA ✓ Pass

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

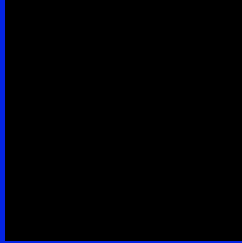
Any Text WCAG AA × Fail

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 0424E4 Background



This preview shows how black text looks on a background with the Hex color 0424E4.



This preview shows how white text looks on a background with the Hex color 0424E4.

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
0424E4

Protanopia
004896

Deuteranopia
004C7F



Tritanopia
005256

Trichromacy



Original Color
0424E4

Protanomaly
013BB2

Deuteranomaly
013DA4

Tritanomaly
01418A

Monochromacy



Original Color
0424E4

Achromatopsia
303030

Achromatomaly
202C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 0424E4 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 #0424E4 looks like.

```
.text, #text, p{  
    color:#0424E4  
}
```

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 #0424E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0424E4
}
```

Border

The CSS property to change the border of an element to Hex 0424E4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

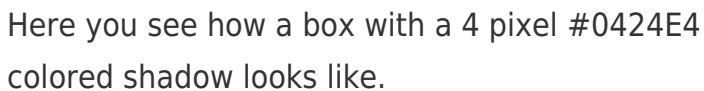
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0424E4 }
```

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

```
.border{ border-color:#0424E4 }
```

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



Here you see how a box with a 4 pixel #0424E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0424E4; -webkit-box-shadow:4px 4px  
4px 4px #0424E4; box-shadow:4px 4px 4px  
4px #0424E4 }
```

Background

The CSS property to change the background color of an element to Hex 0424E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0424E4 }
```

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

```
.background{ background-color:#0424E4 }
```

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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