

Converting Colors

Hex(044AD7)

Have a look what the booklet for
Hex(044AD7) contains.

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Color

Hex(044AD7)

Conversions

Conversions Part 1

Format	Color
Hex	044AD7
RGB	4, 74, 215
RGB Percent	2%, 29%, 84%
CMY	0.9843, 0.7098, 0.1569
CMYK	0.98, 0.66, 0.00, 0.16
HSL	220°, 96%, 43%
HSV	220°, 98%, 84%
XYZ	14.7646, 9.8297, 65.4091
YIQ	69.1440, -86.9810, 29.0110

Conversions

Conversions Part 2

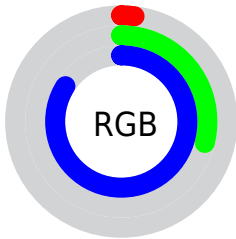
Format	Color
R_{YB}	4, 57, 215
Decimal	281303
CIE _{Lab}	37.53, 38.03, -76.45
CIE _{LCh}	38, 85.388, 296.445
Yxy	9.8297, 0.1640, 0.1092
Android (android.graphics.Color)	4278471383 (0xFF044AD7)
YUV	69.1440, 71.9070, -57.1313
Hunter-Lab	31.3523, 29.1936, -101.7479

Details

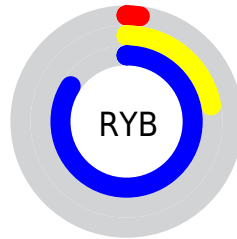
The Hex color **044AD7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **D79104**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **697AFF**, and **00209F** is the 20% darker color. If you saturate the color by 10%, you get **0047D7**, and if you desaturate by 10%, it is **1A58D7**.

Distribution



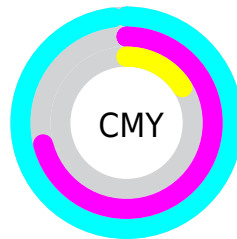
- Red (2%)
- Green (29%)
- Blue (84%)



- Red (2%)
- Yellow (22%)
- Blue (84%)



- Cyan (98%)
- Magenta (66%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (71%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044AD7 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 044AD7 by changing the saturation by 10% instead.

044AD7

044AD7

FFFFFF

0034BB

697AFF

00209F

8A94FF

000F84

A9AFFF

00006A

C9CAFF

000A50

E8E6FF

000538

000222

000008

000000

■ 044AD7

■ 044AD7

■ 0047D7

■ 1A58D7

■ 2F67D7

■ 4575D7

■ 5A83D7

■ 7092D7

■ 85A0D7

■ 9BAFD7

■ B0BDD7

■ C6CBD7

Harmonies

Analogous

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



0066E6



044AD7



9E00A6

Triad

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



044AD7



A52D00



00714E

Complementary

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



044AD7



D79104

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.



006E00



044AD7



735300

Square

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



044AD7



C40021



2C6600



007295

Rectangle

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



044AD7



BE007B



2C6600



007035

Sweetspot

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



044AD7



B5CEFF



04D791



536280



000000



808080

Same Dimension

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



044AD7



0055FF



2704D7



60646B



0039AB



000E2B

Inverse Universe

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



D7044A



FF0055



B4D704



6B6064



AB0039



2B000E

Previews

White Background



This preview shows how the Hex color 044AD7 looks on a white background.

Color Contrast Check

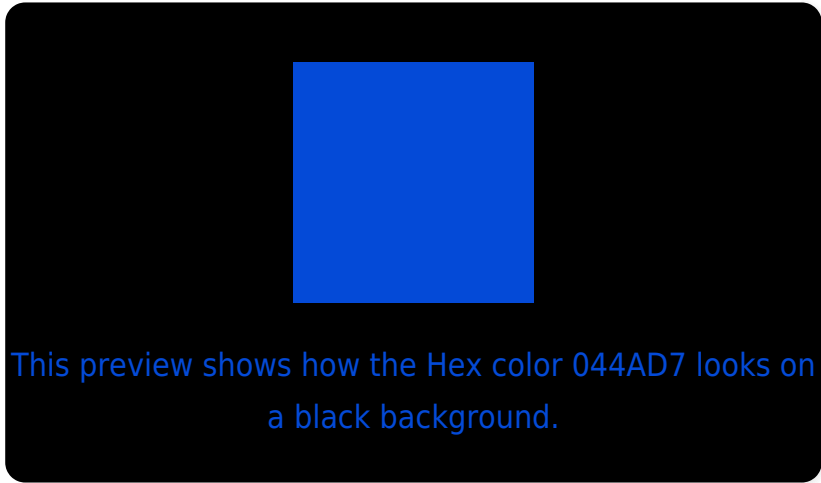
Large Text (above 18pt) WCAG AA ✓ Pass

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

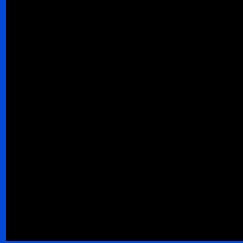
Any Text WCAG AA × Fail

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 044AD7 Background



This preview shows how black text looks on a background with the Hex color 044AD7.



This preview shows how white text looks on a background with the Hex color 044AD7.

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
044AD7

Protanopia
0055B3

Deuteranopia
005A99

Trichromacy



Original Color
044AD7

Protanomaly
0151C0

Deuteranomaly
0154B0

Tritanomaly
015990

Monochromacy



Original Color
044AD7

Achromatopsia
454545

Achromatomaly
2D477A

CSS Examples

Text

The CSS property to change the color of the text to Hex 044AD7 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 #044AD7 looks like.

```
.text, #text, p{  
    color:#044AD7  
}
```

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 #044AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044AD7
}
```

Border

The CSS property to change the border of an element to Hex 044AD7 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
#044AD7 }
```

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

```
.border{ border-color:#044AD7 }
```

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

Here you see how a box with a 4 pixel #044AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044AD7; -webkit-box-shadow:4px 4px  
4px 4px #044AD7; box-shadow:4px 4px 4px  
4px #044AD7 }
```

Background

The CSS property to change the background color of an element to Hex 044AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044AD7 }
```

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

```
.background{ background-color:#044AD7 }
```

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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