

Converting Colors

Hex(044BC5)

Have a look what the booklet for
Hex(044BC5) contains.

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Color

Hex(044BC5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 044BC5 |
| RGB | 4, 75, 197 |
| RGB Percent | 2%, 29%, 77% |
| CMY | 0.9843, 0.7059, 0.2275 |
| CMYK | 0.98, 0.62, 0.00, 0.23 |
| HSL | 218°, 96%, 39% |
| HSV | 218°, 98%, 77% |
| XYZ | 12.6442, 9.0892, 53.9113 |
| YIQ | 67.6790, -81.4780, 22.8900 |

Conversions

Conversions Part 2

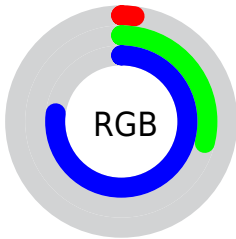
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 4, 56, 197 |
| Decimal | 281541 |
| CIELab | 36.16, 30.44, -68.30 |
| CIELCh | 36, 74.774, 294.018 |
| Yxy | 9.0892, 0.1672, 0.1202 |
| Android (android.graphics.Color) | 4278471621 (0xFF044BC5) |
| YUV | 67.6790, 63.7553, -55.8465 |
| Hunter-Lab | 30.1483, 22.1035, -84.9189 |

Details

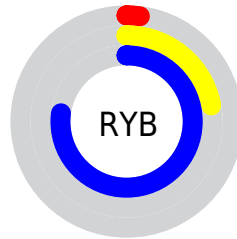
The Hex color **044BC5** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C57E04**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **637BFF**, and **00218E** is the 20% darker color. If you saturate the color by 10%, you get **0048C5**, and if you desaturate by 10%, it is **1857C5**.

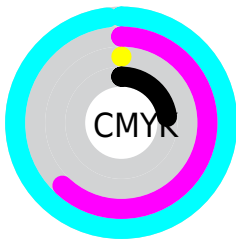
Distribution



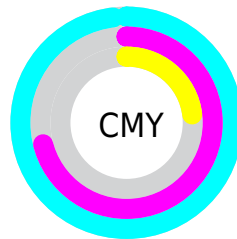
- Red (2%)
- Green (29%)
- Blue (77%)



- Red (2%)
- Yellow (22%)
- Blue (77%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (98%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044BC5 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 044BC5 by changing the saturation by 10% instead.

■ 044BC5

■ 044BC5

FFFFFF

■ 0035A9

■ 637BFF

■ 00218E

■ 8395FF

■ 000F74

■ A2AFFF

■ 00025A

■ C0CBFF

■ 000742

■ DFE7FF

■ 00032A

FEFFFF

■ 000115

■ 000000

■ 044BC5

■ 044BC5

■ 0048C5

■ 1857C5

■ 2B64C5

■ 3F70C5

■ 537DC5

■ 6789C5

■ 7A96C5

■ 8EA2C5

■ A2AFC5

■ B5BBC5

Harmonies

Analogous

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



0061CF



044BC5



8E1E9D

Triad

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



044BC5



9D2E00



006C47

Complementary

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



044BC5



C57E04

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.



006800



044BC5



734F00

Square

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



044BC5



B60029



396000



006D85

Rectangle

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



044BC5



AC0078



396000



006B31

Sweetspot

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



044BC5



B5D0FF



04C57B



536380



000000



808080

Same Dimension

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



044BC5



005EFF



1B04C5



5A5D63



003CA3



000D24

Inverse Universe

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



C5044B



FF005E



AEC504



635A5D



A3003C



24000D

Previews

White Background



This preview shows how the Hex color 044BC5 looks on a white background.

Color Contrast Check

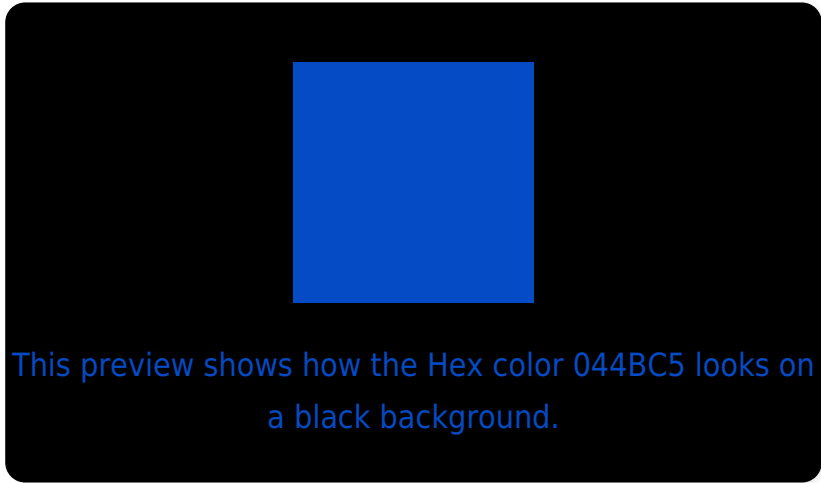
Large Text (above 18pt) WCAG AA ✓ Pass

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

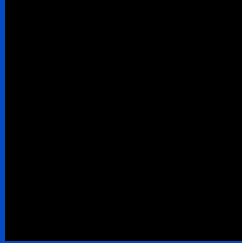
Any Text WCAG AA × Fail

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 044BC5 Background



This preview shows how black text looks on a background with the Hex color 044BC5.



This preview shows how white text looks on a background with the Hex color 044BC5.

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
044BC5

Protanopia
0052AD

Deuteranopia
005794



Tritanopia
005E64

Trichromacy



Original Color
044BC5

Protanomaly
014FB6

Deuteranomaly
0153A6

Tritanomaly
015787

Monochromacy



Original Color
044BC5

Achromatopsia
444444

Achromatomaly
2D4773

CSS Examples

Text

The CSS property to change the color of the text to Hex 044BC5 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 #044BC5 looks like.

```
.text, #text, p{  
    color:#044BC5  
}
```

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 #044BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044BC5
}
```

Border

The CSS property to change the border of an element to Hex 044BC5 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
#044BC5 }
```

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

```
.border{ border-color:#044BC5 }
```

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

Here you see how a box with a 4 pixel #044BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044BC5; -webkit-box-shadow:4px 4px  
4px 4px #044BC5; box-shadow:4px 4px 4px  
4px #044BC5 }
```

Background

The CSS property to change the background color of an element to Hex 044BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044BC5 }
```

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

```
.background{ background-color:#044BC5 }
```

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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