

Converting Colors

Hex(045BDE)

Have a look what the booklet for
Hex(045BDE) contains.

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Color

Hex(045BDE)

Conversions

Conversions Part 1

Format	Color
Hex	045BDE
RGB	4, 91, 222
RGB Percent	2%, 36%, 87%
CMY	0.9843, 0.6431, 0.1294
CMYK	0.98, 0.59, 0.00, 0.13
HSL	216°, 96%, 44%
HSV	216°, 98%, 87%
XYZ	16.9760, 12.7819, 70.6797
YIQ	79.9210, -93.9030, 22.2970

Conversions

Conversions Part 2

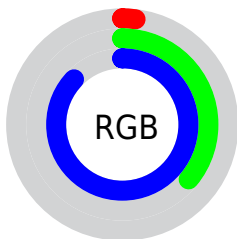
Format	Color
R_{YB}	4, 66, 222
Decimal	285662
CIE _{Lab}	42.43, 29.71, -72.42
CIE _{LCh}	42, 78.283, 292.308
Yxy	12.7819, 0.1690, 0.1273
Android (android.graphics.Color)	4278475742 (0xFF045BDE)
YUV	79.9210, 70.0449, -66.5827
Hunter-Lab	35.7518, 22.1912, -92.1874

Details

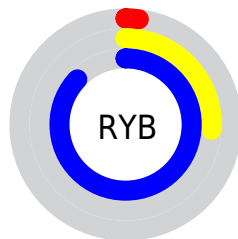
The Hex color **045BDE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DE8704**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6A8CFF**, and **002FA6** is the 20% darker color. If you saturate the color by 10%, you get **0059DE**, and if you desaturate by 10%, it is **1A68DE**.

Distribution



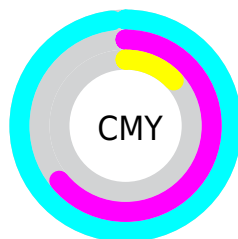
- Red (2%)
- Green (36%)
- Blue (87%)



- Red (2%)
- Yellow (26%)
- Blue (87%)



- Cyan (98%)
- Magenta (59%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045BDE 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 045BDE by changing the saturation by 10% instead.

 045BDE

 045BDE

FFFFFF

 0044C1

 6A8CFF

 002FA6

 8BA7FF

 001C8B

 AAC2FF

 000670

 C9DDFF

 000C57

 E9FAFF

 00063E

 000328

 000111

 000000

■ 045BDE

■ 045BDE

■ 0059DE

■ 1A68DE

■ 3076DE

■ 4783DE

■ 5D90DE

■ 739EDE

■ 89ABDE

■ 9FB8DE

■ B6C6DE

■ CCD3DE

Harmonies

Analogous

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



0072E7



045BDE



9E31B4

Triad

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



045BDE



B53A00



007D51

Complementary

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



045BDE



DE8704

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.



007900



045BDE



895C00

Square

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



045BDE



CE0038



4D6F00



007E94

Rectangle

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



045BDE



C0008D



4D6F00



007C3A

Sweetspot

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



045BDE



B5D3FF



04DE87



536580



000000



808080

Same Dimension

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



045BDE



0066FF



1A04DE



656970



0046B0



001330

Inverse Universe

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



DE045B



FF0066



C8DE04



706569



B00046



300013

Previews

White Background



This preview shows how the Hex color 045BDE looks on a white background.

Color Contrast Check

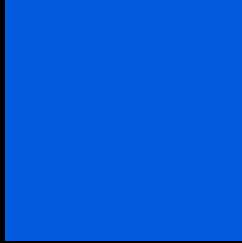
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 045BDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

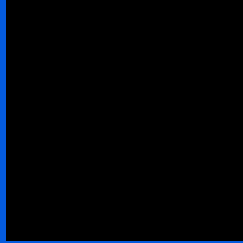
Any Text WCAG AA × Fail

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 045BDE Background



This preview shows how black text looks on a background with the Hex color 045BDE.



This preview shows how white text looks on a background with the Hex color 045BDE.

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
045BDE

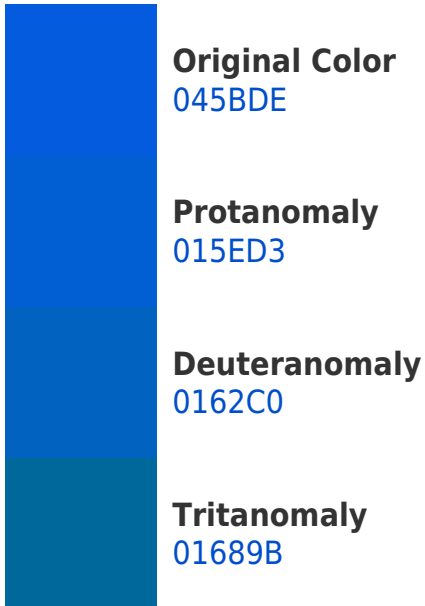
Protanopia
0060CC

Deuteranopia
0066AF



Tritanopia
006F75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 045BDE 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 #045BDE looks like.

```
.text, #text, p{  
    color:#045BDE  
}
```

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 #045BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045BDE
}
```

Border

The CSS property to change the border of an element to Hex 045BDE 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
#045BDE }
```

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

```
.border{ border-color:#045BDE }
```

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

Here you see how a box with a 4 pixel #045BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045BDE; -webkit-box-shadow:4px 4px  
4px 4px #045BDE; box-shadow:4px 4px 4px  
4px #045BDE }
```

Background

The CSS property to change the background color of an element to Hex 045BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045BDE }
```

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

```
.background{ background-color:#045BDE }
```

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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