

Converting Colors

Hex(0063B5)

Have a look what the booklet for
Hex(0063B5) contains.

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Color

Hex(0063B5)

Conversions

Conversions Part 1

Format	Color
Hex	0063B5
RGB	0, 99, 181
RGB Percent	0%, 39%, 71%
CMY	1.0000, 0.6118, 0.2902
CMYK	1.00, 0.45, 0.00, 0.29
HSL	207°, 100%, 35%
HSV	207°, 100%, 71%
XYZ	12.8023, 12.2599, 45.4077
YIQ	78.7470, -85.3260, 4.5140

Conversions

Conversions Part 2

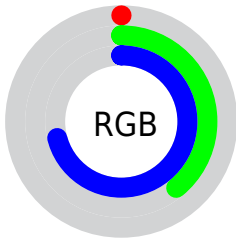
Format	Color
RYB	0, 64, 181
Decimal	25525
CIELab	41.63, 7.91, -50.07
CIELCh	42, 50.690, 278.982
Yxy	12.2599, 0.1817, 0.1740
Android (android.graphics.Color)	4278215605 (0xFF0063B5)
YUV	78.7470, 50.4107, -69.0611
Hunter-Lab	35.0141, 3.9909, -52.3798

Details

The Hex color **0063B5** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B55200**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5C95ED**, and **00367F** is the 20% darker color. If you saturate the color by 10%, you get **0063B5**, and if you desaturate by 10%, it is **126BB5**.

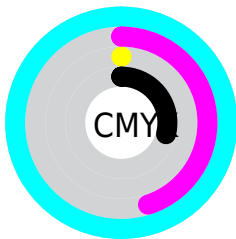
Distribution



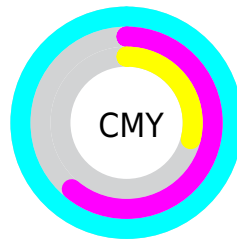
- Red (0%)
- Green (39%)
- Blue (71%)



- Red (0%)
- Yellow (25%)
- Blue (71%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0063B5 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 0063B5 by changing the saturation by 10% instead.

 0063B5

 0063B5

FFFFFF

 004C9A

 5C95ED

 00367F

 7BB0FF

 002166

 99CBFF

 00094D

 B7E7FF

 000536

 D5FFFF

 00021F

 F3FFFF

 000003

 000000

 0063B5

 126BB5

 2473B5

 367CB5

 4884B5

 5B8CB5

 6D94B5

 7F9CB5

 91A5B5

 A3ADB5

Harmonies

Analogous

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



006FB0



0063B5



7351A3

Triad

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



0063B5



A54330



007443

Complementary

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



0063B5



B55200

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.



3D6E1A



0063B5



8E550B

Square

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



0063B5



AC3757



6B6400



00756E

Rectangle

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



0063B5



93448E



6B6400



007235

Sweetspot

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



0063B5



A4CBEB



00B551



4B6275



F5F5F5



757575

Same Dimension

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



0063B5



0080EB



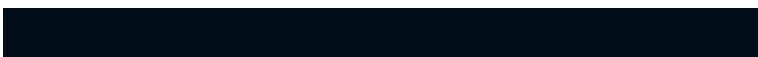
0009B5



505559



005499



000E1A

Inverse Universe

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



B50063



EB0080



B5AC00



595055



990054



1A000E

Previews

White Background



This preview shows how the Hex color 0063B5 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 0063B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

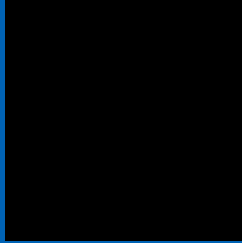
Any Text WCAG AA × Fail

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 0063B5 Background



This preview shows how black text looks on a background with the Hex color 0063B5.



This preview shows how white text looks on a background with the Hex color 0063B5.

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





Tritanopia
006D74

Trichromacy



Original Color
0063B5

Protanomaly
2560B2

Deuteranomaly
0064B2

Tritanomaly
00698C

Monochromacy



Original Color
0063B5

Achromatopsia
4F4F4F

Achromatomaly
325674

CSS Examples

Text

The CSS property to change the color of the text to Hex 0063B5 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 #0063B5 looks like.

```
.text, #text, p{  
    color:#0063B5  
}
```

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 #0063B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063B5
}
```

Border

The CSS property to change the border of an element to Hex 0063B5 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
#0063B5 }
```

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

```
.border{ border-color:#0063B5 }
```

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

Here you see how a box with a 4 pixel #0063B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063B5; -webkit-box-shadow:4px 4px  
4px 4px #0063B5; box-shadow:4px 4px 4px  
4px #0063B5 }
```

Background

The CSS property to change the background color of an element to Hex 0063B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063B5 }
```

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

```
.background{ background-color:#0063B5 }
```

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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