

# Converting Colors

Hex(4065D6)

Have a look what the booklet for  
Hex(4065D6) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(4065D6)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(4065D6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 4065D6                      |
| RGB           | 64, 101, 214                |
| RGB Percent   | 25%, 40%, 84%               |
| CMY           | 0.7490, 0.6039, 0.1608      |
| CMYK          | 0.70, 0.53, 0.00, 0.16      |
| HSL           | 225°, 65%, 55%              |
| HSV           | 225°, 70%, 84%              |
| XYZ           | 18.9056, 15.2524, 65.5659   |
| YIQ           | 102.8190, -58.3250, 27.2990 |

# Conversions

## Conversions Part 2

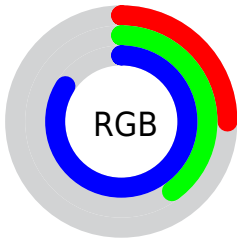
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 64, 94, 214                    |
| Decimal                             | 4220374                        |
| CIE Lab                             | 45.98, 24.72, -62.03           |
| CIE LCh                             | 46, 66.776, 291.730            |
| Yxy                                 | 15.2524, 0.1896,<br>0.1529     |
| Android<br>(android.graphics.Color) | 4282410454<br>(0xFF4065D6)     |
| YUV                                 | 102.8190, 54.8122,<br>-34.0443 |
| Hunter-Lab                          | 39.0543, 18.0643,<br>-72.2004  |

# Details

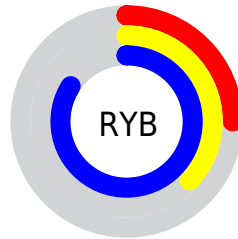
The Hex color **4065D6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D6B140**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8197FF**, and **00379E** is the 20% darker color. If you saturate the color by 10%, you get **2B55D6**, and if you desaturate by 10%, it is **5575D6**.

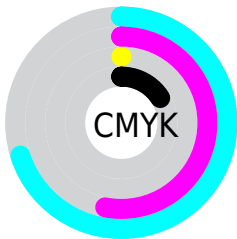
# Distribution



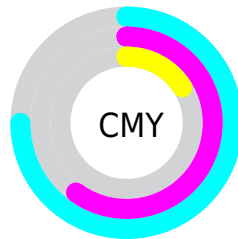
- Red (25%)
- Green (40%)
- Blue (84%)



- Red (25%)
- Yellow (37%)
- Blue (84%)



- Cyan (70%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (60%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4065D6 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 4065D6 by changing the saturation by 10% instead.



 4065D6

 4065D6

FFFFFF

 0E4DBA

 8197FF

 00379E

 9FB2FF

 002384

 BDCDFE

 00116A

 DBE9FF

 000551

 FAFFFF

 000539

 000222

 000008

 000000

■ 4065D6

■ 4065D6

■ 2B55D6

■ 5575D6

■ 1545D6

■ 6B85D6

■ 0035D6

■ 8095D6

■ 96A5D6

■ ABB6D6

■ C0C6D6

■ D6D6D6

■ EBE6D6

■ FFF6D6

# Harmonies

## Analogous

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



0078DD



4065D6



9F48B3

# Triad

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



4065D6



B84B0E



00845B

# Complementary

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



4065D6



D6B140

# 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.



00801F



4065D6



916500

# Square

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



4065D6



CC2D47



5D7600



008595

# Rectangle

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



4065D6



BE3291



5D7600



008347



# Sweetspot

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



4065D6



C9D7FF



40D6B1



606780



000000



808080



# Same Dimension

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



4065D6



295EFF



6640D6



60636B



002AAB



000B2B



# Inverse Universe

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



D64065



FF295E



B1D640



6B6063



AB002A



2B000B



# Previews

## White Background



This preview shows how the Hex color 4065D6 looks on a white background.

## Color Contrast Check

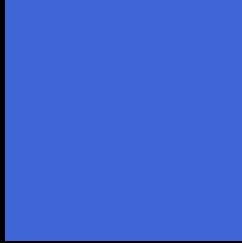
Large Text (above 18pt) WCAG AA ✓ Pass

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 4065D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

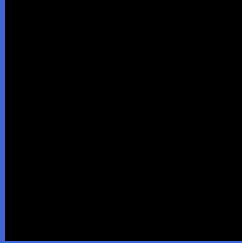
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4065D6 Background



This preview shows how black text looks on a background with the Hex color 4065D6.



This preview shows how white text looks on a background with the Hex color 4065D6.

# 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**  
4065D6

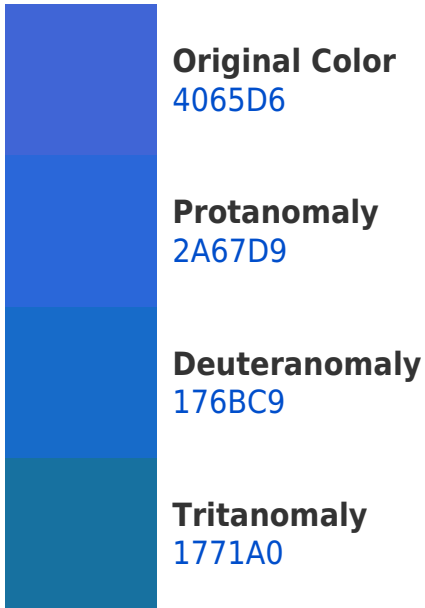
**Protanopia**  
1D68DA

**Deuteranopia**  
006FC1

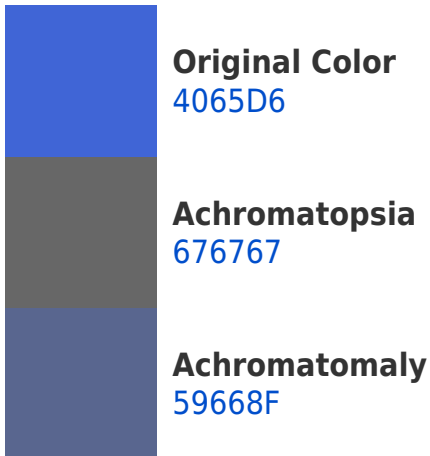


**Tritanopia**  
007881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4065D6 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 #4065D6 looks like.

```
.text, #text, p{  
    color:#4065D6  
}
```

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 #4065D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4065D6
}
```

## Border

The CSS property to change the border of an element to Hex 4065D6 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
#4065D6 }
```

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

```
.border{ border-color:#4065D6 }
```

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

Here you see how a box with a 4 pixel #4065D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4065D6; -webkit-box-shadow:4px 4px  
4px 4px #4065D6; box-shadow:4px 4px 4px  
4px #4065D6 }
```

# Background

The CSS property to change the background color of an element to Hex 4065D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4065D6 }
```

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

```
.background{ background-color:#4065D6 }
```

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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