

Converting Colors

Hex(6045BD)

Have a look what the booklet for
Hex(6045BD) contains.

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Color

Hex(6045BD)

Conversions

Conversions Part 1

Format	Color
Hex	6045BD
RGB	96, 69, 189
RGB Percent	38%, 27%, 74%
CMY	0.6235, 0.7294, 0.2588
CMYK	0.49, 0.63, 0.00, 0.26
HSL	253°, 48%, 51%
HSV	253°, 63%, 74%
XYZ	16.1373, 10.4172, 49.3043
YIQ	90.7530, -22.4280, 43.0440

Conversions

Conversions Part 2

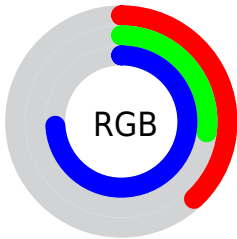
Format	Color
R_{YB}	96, 69, 189
Decimal	6309309
CIE _{Lab}	38.58, 41.60, -59.48
CIE _{LCh}	39, 72.582, 304.972
Yxy	10.4172, 0.2127, 0.1373
Android (android.graphics.Color)	4284499389 (0xFF6045BD)
YUV	90.7530, 48.4358, 4.6016
Hunter-Lab	32.2756, 32.7648, -67.9785

Details

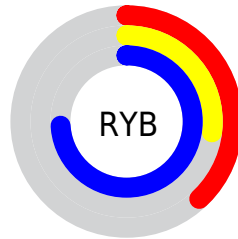
The Hex color **6045BD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **A2BD45**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9977F6**, and **211687** is the 20% darker color. If you saturate the color by 10%, you get **5132BD**, and if you desaturate by 10%, it is **6F58BD**.

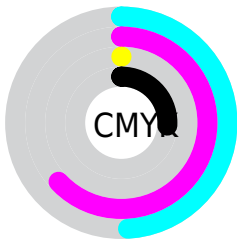
Distribution



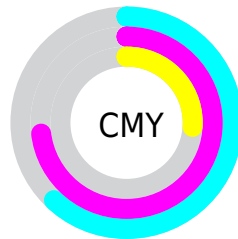
- Red (38%)
- Green (27%)
- Blue (74%)



- Red (38%)
- Yellow (27%)
- Blue (74%)



- Cyan (49%)
- Magenta (63%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (73%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6045BD 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 6045BD by changing the saturation by 10% instead.

■ 6045BD

■ 6045BD

FFFFFF

■ 432DA1

■ 9977F6

■ 211687

■ B691FF

■ 00006D

■ D3ACFF

■ 000054

■ F1C7FF

■ 00063B

■ FFE4FF

■ 000225

■ 00010D

■ 000000

■ 6045BD

■ 6045BD

■ 5132BD

■ 6F58BD

■ 431FBD

■ 7D6BBB

■ 340CBD

■ 8C7EBD

■ 2B00BD

■ 9B91BD

■ A9A3BD

■ B8B6BD

■ C7C9BD

■ D5DCBD

■ E4EFBD

Harmonies

Analogous

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



0060D2



6045BD



A6118E

Triad

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



6045BD



964300



007264

Complementary

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



6045BD



A2BD45

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.



007024



6045BD



675C00

Square

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



6045BD



B5151A



226900



00729E

Rectangle

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



6045BD



B90067



226900



00724F

Sweetspot

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



6045BD



D1C6F5



45A3BD



655E7A



FAFAFA



7A7A7A

Same Dimension

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



6045BD



653BF5



9B45BD



57555E



24009E



07001F

Inverse Universe

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



BD45A2



F53BCB



67BD45



5E555C



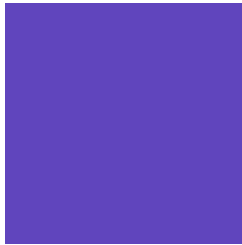
9E007B



1F0018

Previews

White Background



This preview shows how the Hex color 6045BD 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

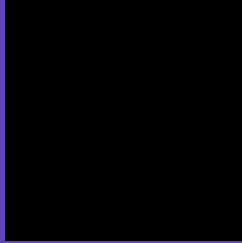
Any Text WCAG AA × Fail

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 6045BD Background



This preview shows how black text looks on a background with the Hex color 6045BD.

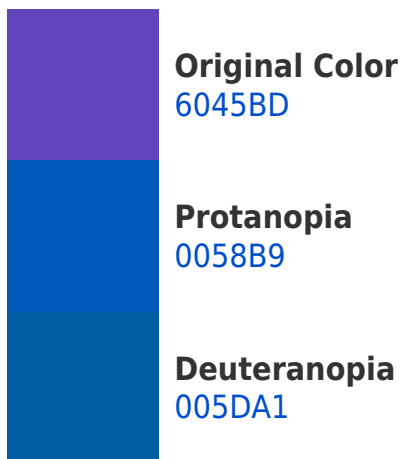


This preview shows how white text looks on a background with the Hex color 6045BD.

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](#).

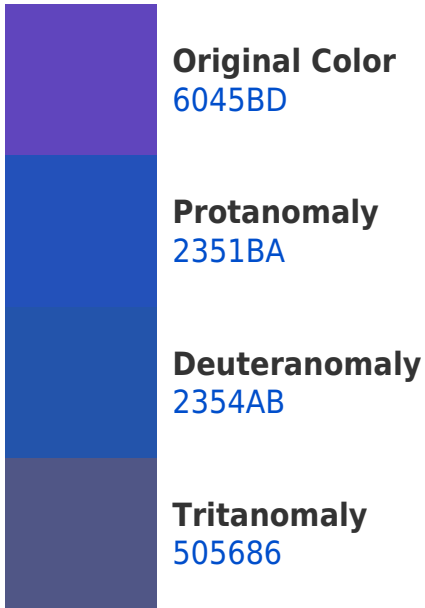
Dichromacy





Tritanopia
475F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6045BD 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 #6045BD looks like.

```
.text, #text, p{  
    color:#6045BD  
}
```

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 #6045BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6045BD
}
```

Border

The CSS property to change the border of an element to Hex 6045BD 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".

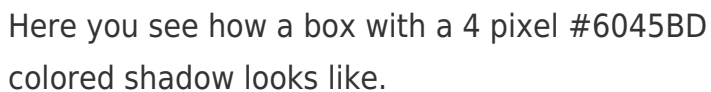
```
.border, #border, table{ border:4px solid
#6045BD }
```

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

```
.border{ border-color:#6045BD }
```

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

Here you see how a box with a 4 pixel #6045BD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6045BD; -webkit-box-shadow:4px 4px  
4px 4px #6045BD; box-shadow:4px 4px 4px  
4px #6045BD }
```

Background

The CSS property to change the background color of an element to Hex 6045BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6045BD }
```

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

```
.background{ background-color:#6045BD }
```

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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