

# Converting Colors

Hex(6050AB)

Have a look what the booklet for  
Hex(6050AB) contains.

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# Color

**Hex(6050AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6050AB
RGB	96, 80, 171
RGB Percent	38%, 31%, 67%
CMY	0.6235, 0.6863, 0.3294
CMYK	0.44, 0.53, 0.00, 0.33
HSL	251°, 36%, 49%
HSV	251°, 53%, 67%
XYZ	15.0432, 11.1644, 39.8902
YIQ	95.1580, -19.6750, 31.6930

# Conversions

## Conversions Part 2

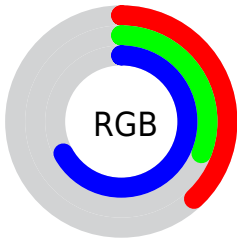
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 80, 171
Decimal	6312107
CIE <sub>Lab</sub>	39.86, 29.70, -46.81
CIE <sub>LCh</sub>	40, 55.434, 302.399
Yxy	11.1644, 0.2276, 0.1689
Android (android.graphics.Color)	4284502187 (0xFF6050AB)
YUV	95.1580, 37.3901, 0.7384
Hunter-Lab	33.4132, 21.8909, -47.3939

# Details

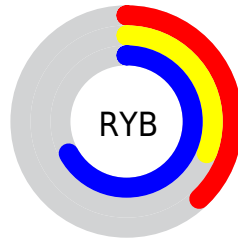
The Hex color **6050AB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9BAB50**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9782E3**, and **292376** is the 20% darker color. If you saturate the color by 10%, you get **523FAB**, and if you desaturate by 10%, it is **6E61AB**.

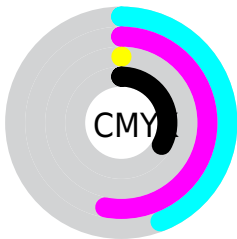
# Distribution



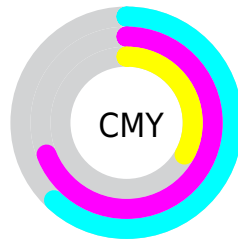
- Red (38%)
- Green (31%)
- Blue (67%)



- Red (38%)
- Yellow (31%)
- Blue (67%)



- Cyan (44%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (69%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6050AB 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 6050AB by changing the saturation by 10% instead.



6050AB

6050AB

FFFFFF

453990

9782E3

292376

B39CFF

020E5D

CFB7FF

000045

ECD3FF

00032D

FFEFFF

000118

000000

6050AB

6050AB

523FAB

6E61AB

442EAB

7C72AB

361DAB

8A83AB

280CAB

9894AB

1E00AB

A6A5AB

B5B7AB

C3C8AB

D1D9AB

DFEAAB

# Harmonies

## Analogous

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



0062B9



6050AB



963889

# Triad

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



6050AB



924B01



007260

# Complementary

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



6050AB



9BAB50

# 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.



006F31



6050AB



6F5D00

# Square

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



6050AB



A93530



406900



00728D

# Rectangle

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



6050AB



A82C6B



406900



007151



# Sweetspot

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



6050AB



C1BADE



509CAB



5F5B70



F0F0F0



707070



# Same Dimension

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



6050AB



6950DE



8D50AB



504E57



1A0096



040017



# Inverse Universe

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



AB509B



DE50C5



6EAB50



574E55



96007C



170013



# Previews

## White Background



This preview shows how the Hex color 6050AB looks on a white background.

## Color Contrast Check

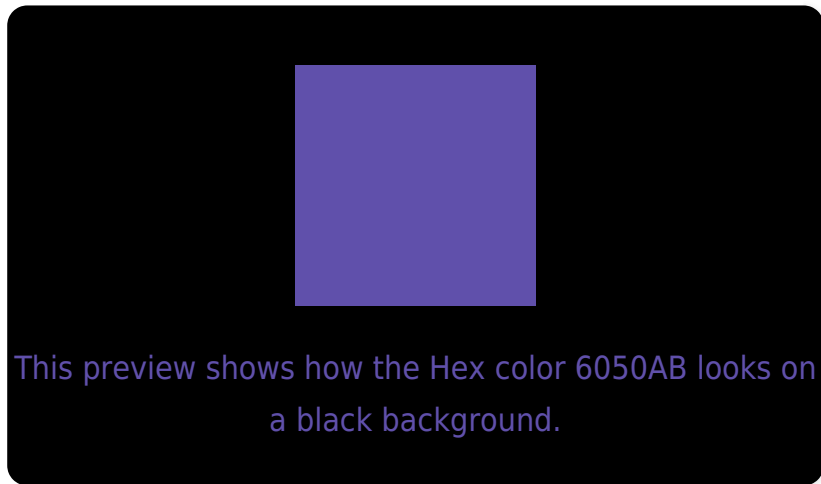
Large Text (above 18pt) WCAG AA ✓ Pass

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

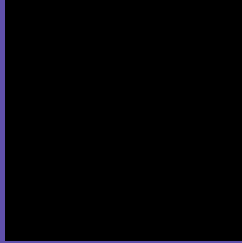
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6050AB Background



This preview shows how black text looks on a background with the Hex color 6050AB.

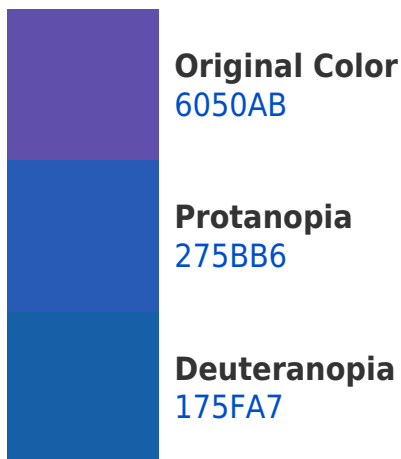


This preview shows how white text looks on a background with the Hex color 6050AB.

# 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](#).

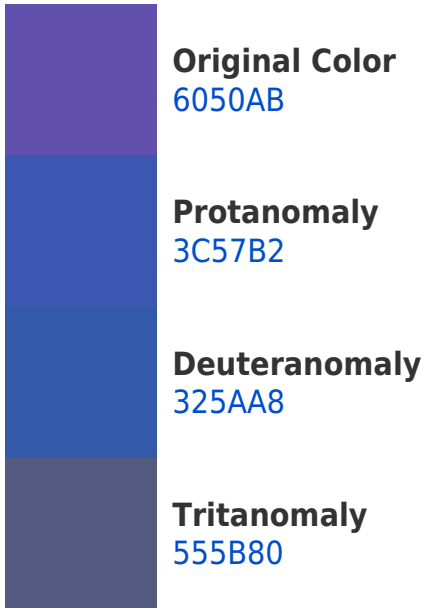
## Dichromacy



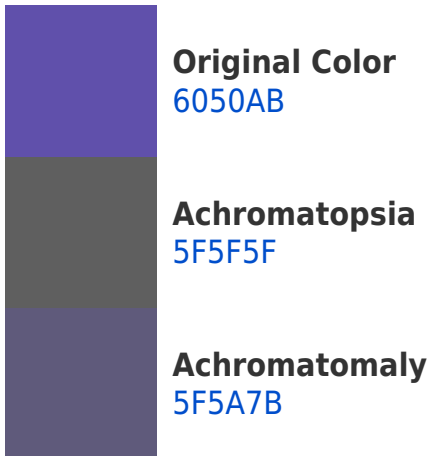


**Tritanopia**  
4F6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6050AB 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 #6050AB looks like.

```
.text, #text, p{  
    color:#6050AB  
}
```

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 #6050AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6050AB
}
```

## Border

The CSS property to change the border of an element to Hex 6050AB 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
#6050AB }
```

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

```
.border{ border-color:#6050AB }
```

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

Here you see how a box with a 4 pixel #6050AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6050AB; -webkit-box-shadow:4px 4px  
4px 4px #6050AB; box-shadow:4px 4px 4px  
4px #6050AB }
```

# Background

The CSS property to change the background color of an element to Hex 6050AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6050AB }
```

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

```
.background{ background-color:#6050AB }
```

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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