

Converting Colors

Hex(6105AF)

Have a look what the booklet for
Hex(6105AF) contains.

Hex(6105AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6105AF)

Conversions

Conversions Part 1

Format	Color
Hex	6105AF
RGB	97, 5, 175
RGB Percent	38%, 2%, 69%
CMY	0.6196, 0.9804, 0.3137
CMYK	0.45, 0.97, 0.00, 0.31
HSL	272°, 94%, 35%
HSV	272°, 97%, 69%
XYZ	12.7219, 5.7451, 40.9958
YIQ	51.8880, 0.2620, 72.3740

Conversions

Conversions Part 2

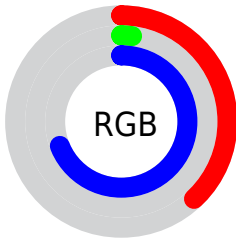
Format	Color
RYB	97, 5, 175
Decimal	6358447
CIELab	28.76, 62.83, -67.25
CIELCh	29, 92.034, 313.057
Yxy	5.7451, 0.2139, 0.0966
Android (android.graphics.Color)	4284548527 (0xFF6105AF)
YUV	51.8880, 60.6942, 39.5632
Hunter-Lab	23.9689, 52.7964, -84.6300

Details

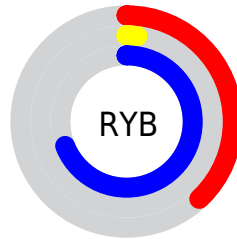
The Hex color **6105AF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **53AF05**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9B48E8**, and **210079** is the 20% darker color. If you saturate the color by 10%, you get **5F00AF**, and if you desaturate by 10%, it is **6916AF**.

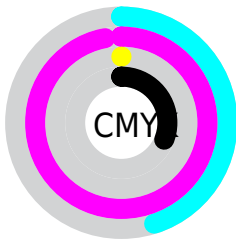
Distribution



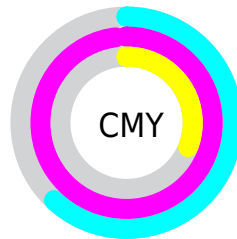
- Red (38%)
- Green (2%)
- Blue (69%)



- Red (38%)
- Yellow (2%)
- Blue (69%)



- Cyan (45%)
- Magenta (97%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6105AF 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 6105AF by changing the saturation by 10% instead.

 6105AF

 6105AF


FFFFFF

 430094

 9B48E8

 210079

 B963FF

 00005F

 D67EFF

 000046

 F499FF

 00042F


 FFB6FF

 000119

 FFD2FF

 000000

 FFEFFF

 6105AF

 6105AF

■ 5F00AF

■ 6916AF

■ 7128AF

■ 793AAF

■ 814BAF

■ 895DAF

■ 916EAF

■ 9980AF

■ A191AF

■ A9A3AF

Harmonies

Analogous

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



0046D4



6105AF



A6006F

Triad

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



6105AF



743000



005B63

Complementary

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



6105AF



53AF05

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.



005914



6105AF



364B00

Square

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



6105AF



9F0000



005500



005DA7

Rectangle

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



6105AF



B40041



005500



005A4A

Sweetspot

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



6105AF



C5A1E3



0554AF



604B73



F2F2F2



737373

Same Dimension

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



6105AF



7B00E3



AF05A9



534E57



510096



0C0017

Inverse Universe

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



AF0553



E30068



05AF0B



574E52



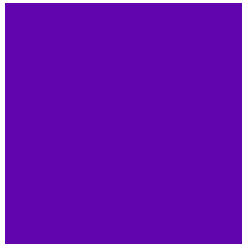
960045



17000B

Previews

White Background



This preview shows how the Hex color 6105AF 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

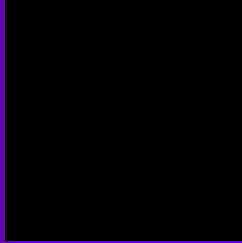
Any Text WCAG AA × Fail

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 6105AF Background



This preview shows how black text looks on a background with the Hex color 6105AF.



This preview shows how white text looks on a background with the Hex color 6105AF.

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
6105AF

Protanopia
00448E

Deuteranopia
00487A



Tritanopia
49444A

Trichromacy



Original Color
6105AF

Protanomaly
232D9A

Deuteranomaly
23308D

Tritanomaly
522D6F

Monochromacy



Original Color
6105AF

Achromatopsia
343434

Achromatomaly
442361

CSS Examples

Text

The CSS property to change the color of the text to Hex 6105AF 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 #6105AF looks like.

```
.text, #text, p{  
    color:#6105AF  
}
```

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 #6105AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6105AF
}
```

Border

The CSS property to change the border of an element to Hex 6105AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

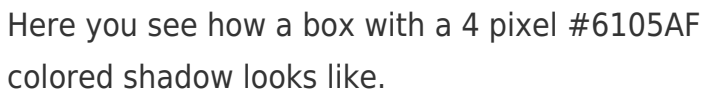
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6105AF }
```

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

```
.border{ border-color:#6105AF }
```

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



Here you see how a box with a 4 pixel #6105AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6105AF; -webkit-box-shadow:4px 4px  
4px 4px #6105AF; box-shadow:4px 4px 4px  
4px #6105AF }
```

Background

The CSS property to change the background color of an element to Hex 6105AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6105AF }
```

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

```
.background{ background-color:#6105AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor