

Converting Colors

Hex(6500AF)

Have a look what the booklet for
Hex(6500AF) contains.

Hex(6500AF)	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(6500AF)

Conversions

Conversions Part 1

Format	Color
Hex	6500AF
RGB	101, 0, 175
RGB Percent	40%, 0%, 69%
CMY	0.6039, 1.0000, 0.3137
CMYK	0.42, 1.00, 0.00, 0.31
HSL	275°, 100%, 34%
HSV	275°, 100%, 69%
XYZ	13.1047, 5.8618, 40.9982
YIQ	50.1490, 4.0210, 75.8370

Conversions

Conversions Part 2

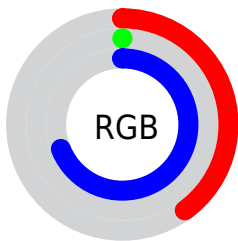
Format	Color
R_{YB}	101, 0, 175
Decimal	6619311
CIE _{Lab}	29.06, 64.08, -66.73
CIE _{LCh}	29, 92.512, 313.838
Yxy	5.8618, 0.2185, 0.0978
Android (android.graphics.Color)	4284809391 (0xFF6500AF)
YUV	50.1490, 61.5515, 44.5963
Hunter-Lab	24.2113, 54.2460, -83.4510

Details

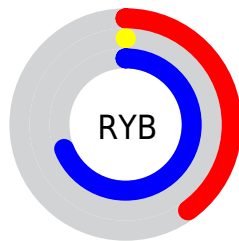
The Hex color **6500AF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4AAF00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9F46E8**, and **270079** is the 20% darker color. If you saturate the color by 10%, you get **6500AF**, and if you desaturate by 10%, it is **6C11AF**.

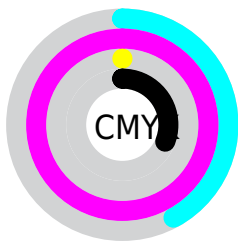
Distribution



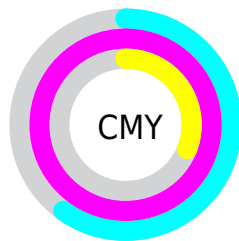
- Red (40%)
- Green (0%)
- Blue (69%)



- Red (40%)
- Yellow (0%)
- Blue (69%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6500AF 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 6500AF by changing the saturation by 10% instead.

 6500AF

 6500AF

FFFFFF

 470094

 9F46E8

 270079

 BD62FF

 00005F

 DA7DFF

 000046

 F899FF

 00042F

 FFB5FF

 000119

 FFD2FF

 000000

 FFEFFF

 6500AF


 6C11AF

 7423AF

 7B35AF

 8346AF

 8A58AF

 9169AF

 997AAF

 A08CAF

 A89EAF

Harmonies

Analogous

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



0046D5



6500AF



A8006E

Triad

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



6500AF



733200



005C66

Complementary

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



6500AF



4AAF00

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.



005A17



6500AF



354C00

Square

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



6500AF



9F0000



005600



005EA9

Rectangle

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



6500AF



B50040



005600



005B4D

Sweetspot

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



6500AF



C69FE3



004CAF



614973



F2F2F2



737373

Same Dimension

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



6500AF



8300E3



AF00A3



534E57



570096



0D0017

Inverse Universe

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



AF004A



E30060



00AF0C



574E52



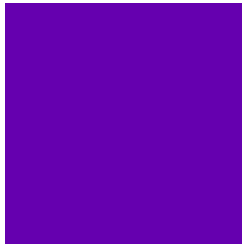
960040



17000A

Previews

White Background



This preview shows how the Hex color 6500AF looks on a white background.

Color Contrast Check

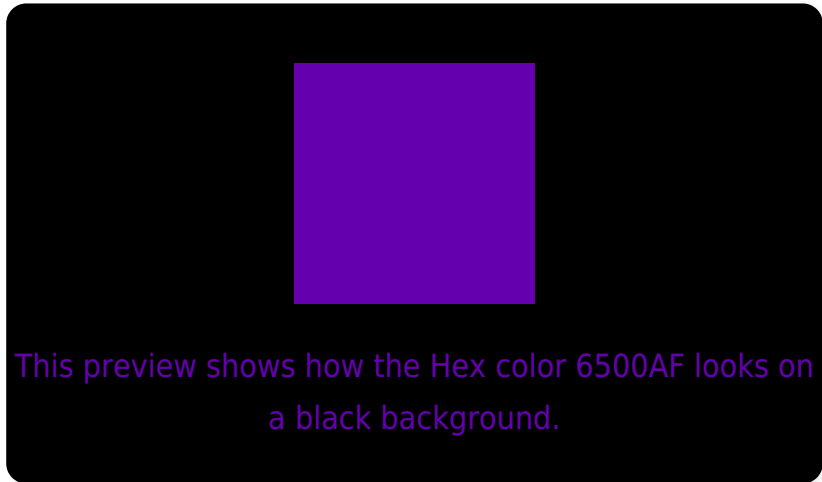
Large Text (above 18pt) WCAG AA ✓ Pass

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

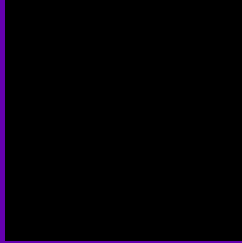
Any Text WCAG AA × Fail

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 6500AF Background



This preview shows how black text looks on a background with the Hex color 6500AF.



This preview shows how white text looks on a background with the Hex color 6500AF.

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
6500AF

Protanopia
004591

Deuteranopia
00497C



Tritanopia
4E444A

Trichromacy



Original Color
6500AF

Protanomaly
252C9C

Deuteranomaly
252E8F

Tritanomaly
562B6F

Monochromacy



Original Color
6500AF

Achromatopsia
323232

Achromatomaly
45205F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6500AF 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 #6500AF looks like.

```
.text, #text, p{  
    color:#6500AF  
}
```

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 #6500AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6500AF
}
```

Border

The CSS property to change the border of an element to Hex 6500AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

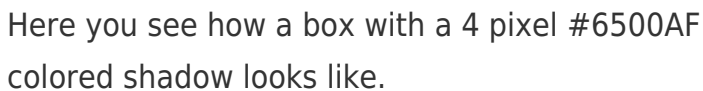
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6500AF }
```

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

```
.border{ border-color:#6500AF }
```

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



Here you see how a box with a 4 pixel #6500AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6500AF; -webkit-box-shadow:4px 4px  
4px 4px #6500AF; box-shadow:4px 4px 4px  
4px #6500AF }
```

Background

The CSS property to change the background color of an element to Hex 6500AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6500AF }
```

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

```
.background{ background-color:#6500AF }
```

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