

Converting Colors

Hex(6500A6)

Have a look what the booklet for
Hex(6500A6) contains.

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Color

Hex(6500A6)

Conversions

Conversions Part 1

Format	Color
Hex	6500A6
RGB	101, 0, 166
RGB Percent	40%, 0%, 65%
CMY	0.6039, 1.0000, 0.3490
CMYK	0.39, 1.00, 0.00, 0.35
HSL	277°, 100%, 33%
HSV	277°, 100%, 65%
XYZ	12.2498, 5.5199, 36.4962
YIQ	49.1230, 6.9100, 73.0380

Conversions

Conversions Part 2

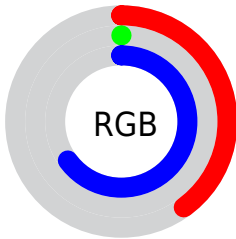
Format	Color
R_{YB}	101, 0, 166
Decimal	6619302
CIE _{Lab}	28.17, 62.18, -62.78
CIE _{LCh}	28, 88.363, 314.728
Yxy	5.5199, 0.2257, 0.1017
Android (android.graphics.Color)	4284809382 (0xFF6500A6)
YUV	49.1230, 57.6204, 45.4961
Hunter-Lab	23.4944, 51.9530, -75.6549

Details

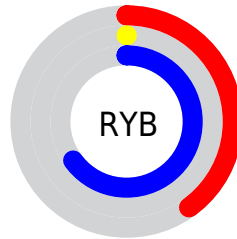
The Hex color **6500A6** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41A600**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9E46DE**, and **290071** is the 20% darker color. If you saturate the color by 10%, you get **6500A6**, and if you desaturate by 10%, it is **6B11A6**.

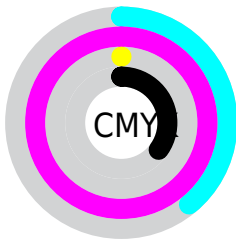
Distribution



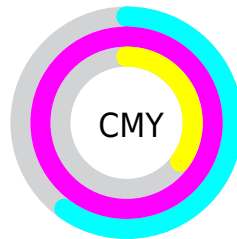
- Red (40%)
- Green (0%)
- Blue (65%)



- Red (40%)
- Yellow (0%)
- Blue (65%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6500A6 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 6500A6 by changing the saturation by 10% instead.

 6500A6

 6500A6

FFFFFF

 48008B

 9E46DE

 290071

 BC61FB

 040057


 D97CFF

 00003F

 F798FF

 000328

 FFB4FF

 000112

 FFD0FF

 000000

 FFEDFF

 6500A6

 6B11A6

 7221A6

 7832A6

 7F42A6

 8553A6

 8C64A6

 9274A6

 9985A6

 9F95A6

Harmonies

Analogous

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



0043CB



6500A6



A30068

Triad

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



6500A6



6E3200



005964

Complementary

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



6500A6



41A600

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.



00571A



6500A6



324A00

Square

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



6500A6



980000



005400



005AA4

Rectangle

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



6500A6



AE003C



005400



00594C

Sweetspot

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



6500A6



BF98D9



0042A6



5E466E



EDEDED



6E6E6E

Same Dimension

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



6500A6



8400D9



A60095



514C54



5A0094



0C0014

Inverse Universe

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



A60041



D90055



00A611



544C4F



94003A



140008

Previews

White Background



This preview shows how the Hex color 6500A6 looks on a white background.

Color Contrast Check

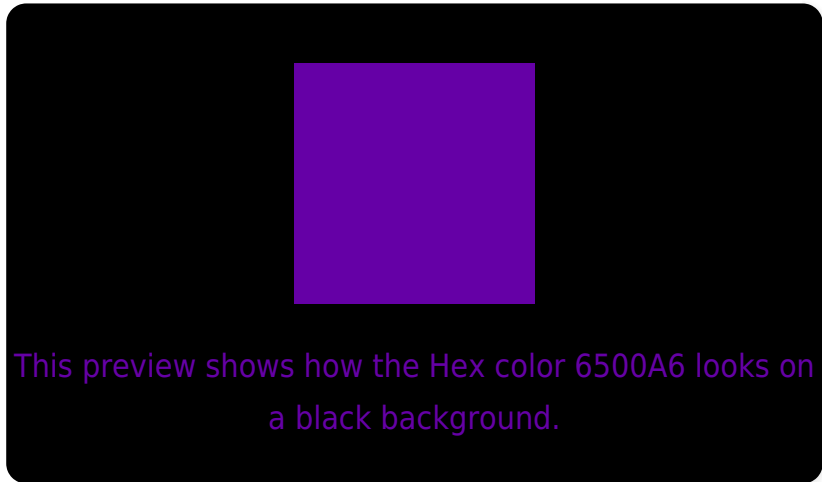
Large Text (above 18pt) WCAG AA ✓ Pass

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

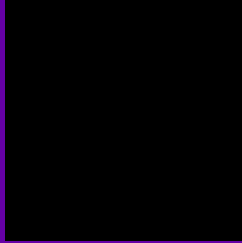
Any Text WCAG AA × Fail

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 6500A6 Background



This preview shows how black text looks on a background with the Hex color 6500A6.



This preview shows how white text looks on a background with the Hex color 6500A6.

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](#).

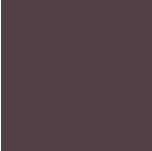
Dichromacy



Original Color
6500A6

Protanopia
00438D

Deuteranopia
004779



Tritanopia
514146

Trichromacy



Original Color
6500A6



Protanomaly
252B96



Deuteranomaly
252D89



Tritanomaly
582969

Monochromacy



Original Color
6500A6



Achromatopsia
313131



Achromatomaly
441F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6500A6 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 #6500A6 looks like.

```
.text, #text, p{  
    color:#6500A6  
}
```

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 #6500A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6500A6
}
```

Border

The CSS property to change the border of an element to Hex 6500A6 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".

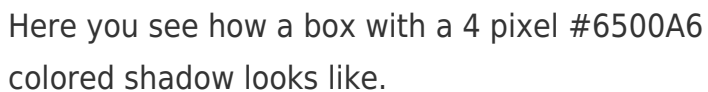
```
.border, #border, table{ border:4px solid
#6500A6 }
```

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

```
.border{ border-color:#6500A6 }
```

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

Here you see how a box with a 4 pixel #6500A6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6500A6 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6500A6; -webkit-box-shadow:4px 4px  
4px 4px #6500A6; box-shadow:4px 4px 4px  
4px #6500A6 }
```

Background

The CSS property to change the background color of an element to Hex 6500A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6500A6 }
```

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

```
.background{ background-color:#6500A6 }
```

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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