

Converting Colors

Hex(6650A6)

Have a look what the booklet for
Hex(6650A6) contains.

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Color

Hex(6650A6)

Conversions

Conversions Part 1

Format	Color
Hex	6650A6
RGB	102, 80, 166
RGB Percent	40%, 31%, 65%
CMY	0.6000, 0.6863, 0.3490
CMYK	0.39, 0.52, 0.00, 0.35
HSL	255°, 35%, 48%
HSV	255°, 52%, 65%
XYZ	15.2311, 11.3153, 37.4577
YIQ	96.3820, -14.4940, 31.4100

Conversions

Conversions Part 2

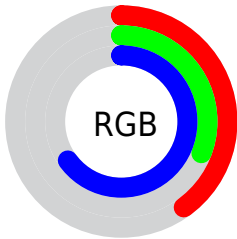
Format	Color
R_{YB}	102, 80, 166
Decimal	6705318
CIE _{Lab}	40.11, 29.74, -43.40
CIE _{LCh}	40, 52.617, 304.422
Yxy	11.3153, 0.2380, 0.1768
Android (android.graphics.Color)	4284895398 (0xFF6650A6)
YUV	96.3820, 34.3217, 4.9270
Hunter-Lab	33.6382, 21.9565, -42.4755

Details

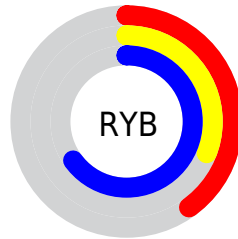
The Hex color **6650A6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **90A650**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9C82DE**, and **312271** is the 20% darker color. If you saturate the color by 10%, you get **5A3FA6**, and if you desaturate by 10%, it is **7261A6**.

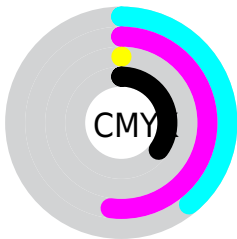
Distribution



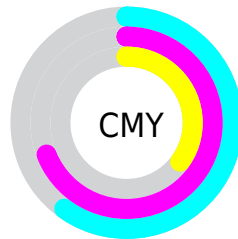
- Red (40%)
- Green (31%)
- Blue (65%)



- Red (40%)
- Yellow (31%)
- Blue (65%)



- Cyan (39%)
- Magenta (52%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6650A6 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 6650A6 by changing the saturation by 10% instead.

6650A6

6650A6

FFFFFF

4C398B

9C82DE

312271

B89CFA

130D58

D5B7FF

000041

F2D3FF

000329

FFEFFF

000113

000000

6650A6

6650A6

5A3FA6

7261A6

4D2FA6

7F71A6

411EA6

8B82A6

350EA6

9792A6

2A00A6

A4A3A6

B0B4A6

BCC4A6

C9D5A6

D5E5A6

Harmonies

Analogous

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



0062B5



6650A6



963B84

Triad

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



6650A6



8F4E06



007264

Complementary

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



6650A6



90A650

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.



006F37



6650A6



6D5F00

Square

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



6650A6



A53A30



406A09



00718E

Rectangle

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



6650A6



A63168



406A09



007155

Sweetspot

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



6650A6



BFB6D9



5090A6



5E596E



EDEDED



6E6E6E

Same Dimension

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



6650A6



7552D9



9050A6



4E4C54



260094



050014

Inverse Universe

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



A65090



D952B6



66A650



544C52



94006E



14000F

Previews

White Background



This preview shows how the Hex color 6650A6 looks on a white background.

Color Contrast Check

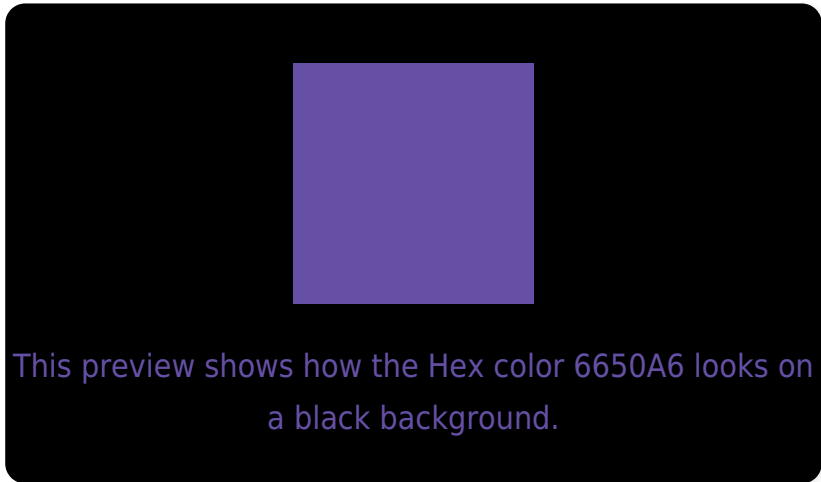
Large Text (above 18pt) WCAG AA ✓ Pass

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

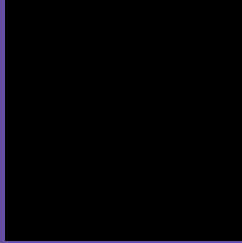
Any Text WCAG AA × Fail

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 6650A6 Background



This preview shows how black text looks on a background with the Hex color 6650A6.

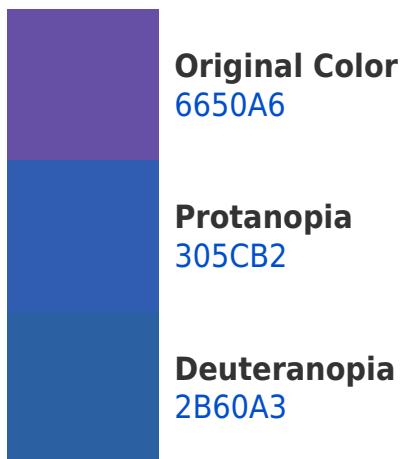


This preview shows how white text looks on a background with the Hex color 6650A6.

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](#).

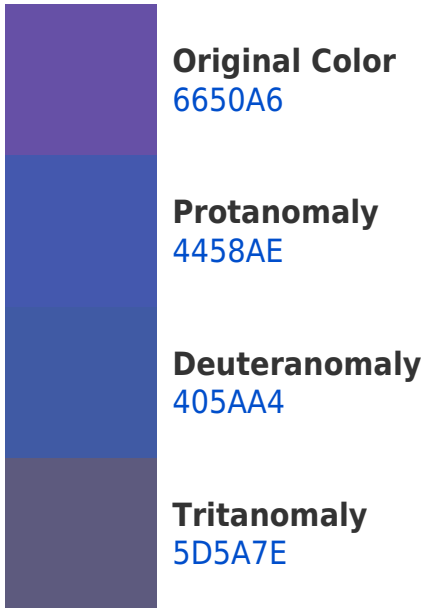
Dichromacy





Tritanopia
586067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6650A6 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 #6650A6 looks like.

```
.text, #text, p{  
    color:#6650A6  
}
```

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 #6650A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6650A6
}
```

Border

The CSS property to change the border of an element to Hex 6650A6 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
#6650A6 }
```

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

```
.border{ border-color:#6650A6 }
```

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

Here you see how a box with a 4 pixel #6650A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6650A6; -webkit-box-shadow:4px 4px  
4px 4px #6650A6; box-shadow:4px 4px 4px  
4px #6650A6 }
```

Background

The CSS property to change the background color of an element to Hex 6650A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6650A6 }
```

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

```
.background{ background-color:#6650A6 }
```

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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