

Converting Colors

Hex(6655B9)

Have a look what the booklet for
Hex(6655B9) contains.

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Color

Hex(6655B9)

Conversions

Conversions Part 1

Format	Color
Hex	6655B9
RGB	102, 85, 185
RGB Percent	40%, 33%, 73%
CMY	0.6000, 0.6667, 0.2745
CMYK	0.45, 0.54, 0.00, 0.27
HSL	250°, 42%, 53%
HSV	250°, 54%, 73%
XYZ	17.4849, 12.8246, 47.4528
YIQ	101.4830, -21.9680, 34.7040

Conversions

Conversions Part 2

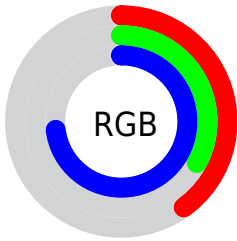
Format	Color
R_{YB}	102, 85, 185
Decimal	6706617
CIE _{Lab}	42.50, 32.22, -50.78
CIE _{LCh}	42, 60.137, 302.398
Yxy	12.8246, 0.2249, 0.1649
Android (android.graphics.Color)	4284896697 (0xFF6655B9)
YUV	101.4830, 41.1739, 0.4534
Hunter-Lab	35.8114, 24.4828, -53.4957

Details

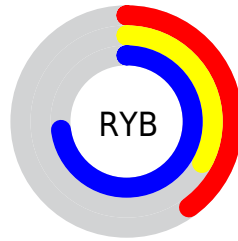
The Hex color **6655B9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A8B955**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9E87F2**, and **2D2783** is the 20% darker color. If you saturate the color by 10%, you get **5742B9**, and if you desaturate by 10%, it is **7568B9**.

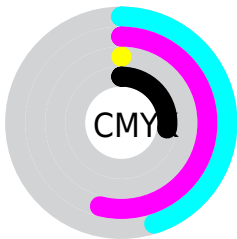
Distribution



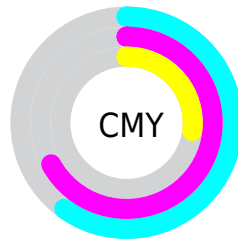
- Red (40%)
- Green (33%)
- Blue (73%)



- Red (40%)
- Yellow (33%)
- Blue (73%)



- Cyan (45%)
- Magenta (54%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6655B9 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 6655B9 by changing the saturation by 10% instead.

6655B9

6655B9

FFFFFF

4A3D9E

9E87F2

2D2783

BAA2FF

051269

D7BDFF

000051

F4D9FF

000539

FFF5FF

000222

000008

000000

6655B9

6655B9

■ 5742B9

■ 7568B9

■ 4730B9

■ 857AB9

■ 381DB9

■ 948DB9

■ 290BB9

■ A39FB9

■ 1F00B9

■ B3B2B9

■ C2C4B9

■ D1D6B9

■ E1E9B9

■ F0FCB9

Harmonies

Analogous

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



0069C8



6655B9



A23A93

Triad

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



6655B9



9D5000



007A67

Complementary

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



6655B9



A8B955

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.



007733



6655B9



766400

Square

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



6655B9



B63732



437000



007A99

Rectangle

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



6655B9



B52B73



437000



007956

Sweetspot

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



6655B9



D0C9F0



55A8B9



656178



F7F7F7



787878

Same Dimension

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



6655B9



6E54F0



9855B9



54535C



1A009C



05001C

Inverse Universe

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



B955A8



F054D5



76B955



5C535A



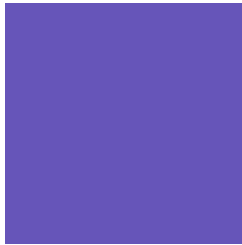
9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 6655B9 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

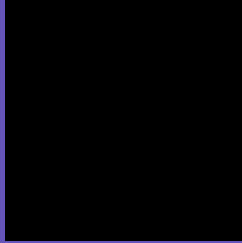
Any Text WCAG AA × Fail

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 6655B9 Background



This preview shows how black text looks on a background with the Hex color 6655B9.



This preview shows how white text looks on a background with the Hex color 6655B9.

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
536870

Trichromacy



Original Color
6655B9

Protanomaly
3D5DC1

Deuteranomaly
2560B6

Tritanomaly
5A618B

Monochromacy



Original Color
6655B9

Achromatopsia
656565

Achromatomaly
655F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 6655B9 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 #6655B9 looks like.

```
.text, #text, p{  
    color:#6655B9  
}
```

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 #6655B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6655B9
}
```

Border

The CSS property to change the border of an element to Hex 6655B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

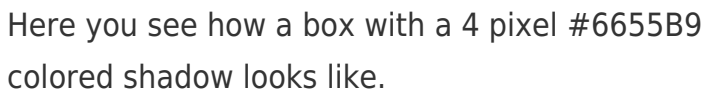
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6655B9 }
```

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

```
.border{ border-color:#6655B9 }
```

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



Here you see how a box with a 4 pixel #6655B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6655B9; -webkit-box-shadow:4px 4px  
4px 4px #6655B9; box-shadow:4px 4px 4px  
4px #6655B9 }
```

Background

The CSS property to change the background color of an element to Hex 6655B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6655B9 }
```

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

```
.background{ background-color:#6655B9 }
```

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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