

Converting Colors

Hex(6653BC)

Have a look what the booklet for
Hex(6653BC) contains.

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Color

Hex(6653BC)

Conversions

Conversions Part 1

Format	Color
Hex	6653BC
RGB	102, 83, 188
RGB Percent	40%, 33%, 74%
CMY	0.6000, 0.6745, 0.2627
CMYK	0.46, 0.56, 0.00, 0.26
HSL	251°, 44%, 53%
HSV	251°, 56%, 74%
XYZ	17.6498, 12.6421, 49.0869
YIQ	100.6510, -22.3810, 36.6830

Conversions

Conversions Part 2

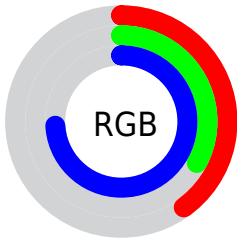
Format	Color
R _{YB}	102, 83, 188
Decimal	6706108
CIE _{Lab}	42.22, 34.31, -52.98
CIE _{LCh}	42, 63.119, 302.931
Yxy	12.6421, 0.2223, 0.1593
Android (android.graphics.Color)	4284896188 (0xFF6653BC)
YUV	100.6510, 43.0631, 1.1831
Hunter-Lab	35.5558, 26.3846, -56.9643

Details

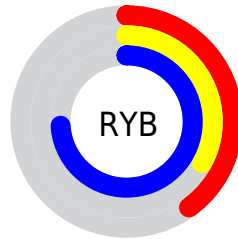
The Hex color **6653BC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A9BC53**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9E85F5**, and **2C2586** is the 20% darker color. If you saturate the color by 10%, you get **5740BC**, and if you desaturate by 10%, it is **7566BC**.

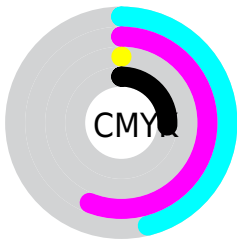
Distribution



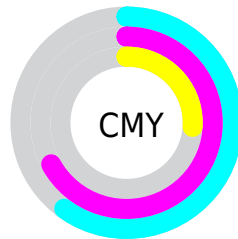
- Red (40%)
- Green (33%)
- Blue (74%)



- Red (40%)
- Yellow (33%)
- Blue (74%)



- Cyan (46%)
- Magenta (56%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6653BC 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 6653BC by changing the saturation by 10% instead.

6653BC

6653BC

FFFFFF

4A3BA1

9E85F5

2C2586

BB9FFF

00106C

D8BBFF

000053

F5D6FF

00053B

FFF3FF

000224

00000C

000000

6653BC

6653BC

■ 5740BC

■ 7566BC

■ 472DBC

■ 8579BC

■ 381BBC

■ 948BBC

■ 2808BC

■ A49EBC

■ 2200BC

■ B3B1BC

■ C2C4BC

■ D2D7BC

■ E1E9BC

■ F1FCBC

Harmonies

Analogous

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



0069CD



6653BC



A43594

Triad

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



6653BC



9D4E00



007A67

Complementary

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



6653BC



A9BC53

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.



007731



6653BC



756300

Square

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



6653BC



B8322E



3F7000



007A9B

Rectangle

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



6653BC



B82372



3F7000



007955

Sweetspot

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



6653BC



D3CBF5



53AABC



66627A



FAFAFA



7A7A7A

Same Dimension

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



6653BC



6E51F5



9953BC



57555E



1D009E



06001F

Inverse Universe

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



BC53A9



F551D7



76BC53



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 6653BC 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

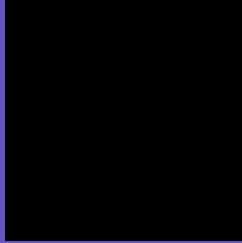
Any Text WCAG AA × Fail

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 6653BC Background



This preview shows how black text looks on a background with the Hex color 6653BC.




This preview shows how white text looks on a background with the Hex color 6653BC.

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](#).

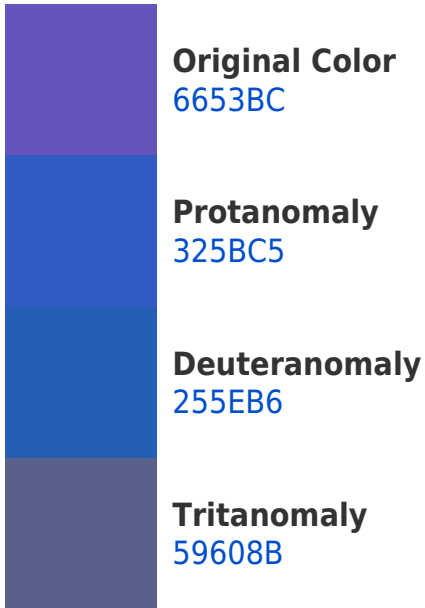
Dichromacy





Tritanopia
52676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6653BC 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 #6653BC looks like.

```
.text, #text, p{  
    color:#6653BC  
}
```

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 #6653BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6653BC
}
```

Border

The CSS property to change the border of an element to Hex 6653BC 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".

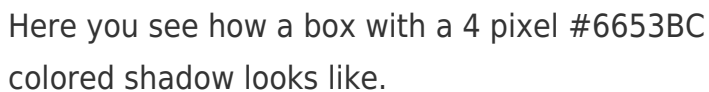
```
.border, #border, table{ border:4px solid
#6653BC }
```

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

```
.border{ border-color:#6653BC }
```

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

Here you see how a box with a 4 pixel #6653BC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6653BC; -webkit-box-shadow:4px 4px  
4px 4px #6653BC; box-shadow:4px 4px 4px  
4px #6653BC }
```

Background

The CSS property to change the background color of an element to Hex 6653BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6653BC }
```

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

```
.background{ background-color:#6653BC }
```

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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