

Converting Colors

Hex(6723BC)

Have a look what the booklet for
Hex(6723BC) contains.

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Color

Hex(6723BC)

Conversions

Conversions Part 1

Format	Color
Hex	6723BC
RGB	103, 35, 188
RGB Percent	40%, 14%, 74%
CMY	0.5961, 0.8627, 0.2627
CMYK	0.45, 0.81, 0.00, 0.26
HSL	267°, 69%, 44%
HSV	267°, 81%, 74%
XYZ	15.2717, 7.7165, 48.2615
YIQ	72.7740, -8.5850, 61.9990

Conversions

Conversions Part 2

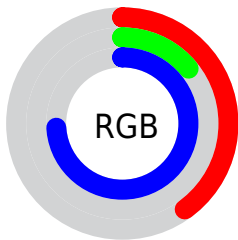
Format	Color
R_{YB}	103, 35, 188
Decimal	6759356
CIE _{Lab}	33.39, 58.96, -67.34
CIE _{LCh}	33, 89.504, 311.200
Yxy	7.7165, 0.2143, 0.1083
Android (android.graphics.Color)	4284949436 (0xFF6723BC)
YUV	72.7740, 56.8064, 26.5082
Hunter-Lab	27.7785, 49.5205, -83.5635

Details

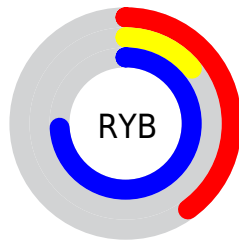
The Hex color **6723BC** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **78BC23**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A159F5**, and **280085** is the 20% darker color. If you saturate the color by 10%, you get **5D10BC**, and if you desaturate by 10%, it is **7136BC**.

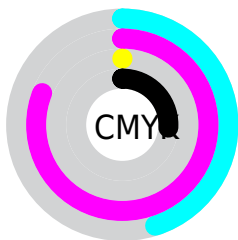
Distribution



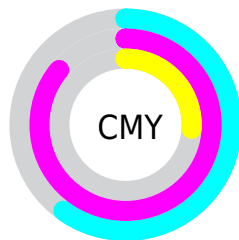
- Red (40%)
- Green (14%)
- Blue (74%)



- Red (40%)
- Yellow (14%)
- Blue (74%)



- Cyan (45%)
- Magenta (81%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (86%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6723BC 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 6723BC by changing the saturation by 10% instead.

 6723BC

 6723BC

FFFFFF

 4900A0

 A159F5

 280085

 BF74FF

 00006B

 DD8FFF

 000052

 FBAAFF

 00053A

 FFC7FF

 000223

 FFE3FF

 00000A

 000000

 6723BC

 6723BC

■ 5D10BC

■ 7136BC

■ 5400BC

■ 7C49BC

■ 865BBC

■ 916EBC

■ 9B81BC

■ A694BC

■ B0A7BC

■ BBB9BC

■ C5CCBC

Harmonies

Analogous

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



0052DE



6723BC



AF007E

Triad

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



6723BC



843900



006769

Complementary

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



6723BC



78BC23

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.



00651B



6723BC



485400

Square

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



6723BC



AE0000



006000



0068AD

Rectangle

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



6723BC



BF004F



006000



006750

Sweetspot

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



6723BC



D4BAF5



237ABC



67577A



FAFAFA



7A7A7A

Same Dimension

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



6723BC



7005F5



B223BC



59555E



46009E



0E001F

Inverse Universe

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



BC2378



F5058A



2DBC23



5E555A



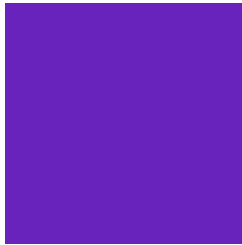
9E0058



1F0011

Previews

White Background



This preview shows how the Hex color 6723BC 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

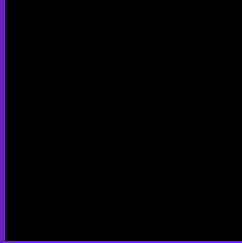
Any Text WCAG AA × Fail

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 6723BC Background



This preview shows how black text looks on a background with the Hex color 6723BC.

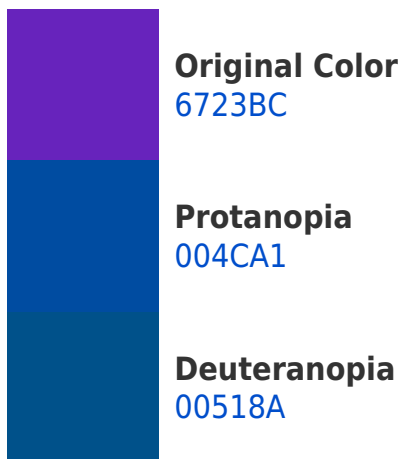


This preview shows how white text looks on a background with the Hex color 6723BC.

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
4E4F55

Trichromacy



Original Color
6723BC



Protanomaly
253DAB



Deuteranomaly
25409C



Tritanomaly
573F7A

Monochromacy



Original Color
6723BC



Achromatopsia
494949



Achromatomaly
543B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 6723BC 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 #6723BC looks like.

```
.text, #text, p{  
    color:#6723BC  
}
```

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 #6723BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6723BC
}
```

Border

The CSS property to change the border of an element to Hex 6723BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

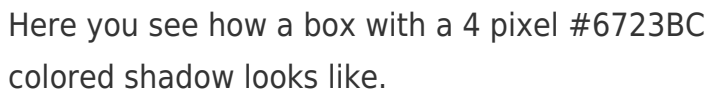
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6723BC }
```

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

```
.border{ border-color:#6723BC }
```

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



Here you see how a box with a 4 pixel #6723BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6723BC; -webkit-box-shadow:4px 4px  
4px 4px #6723BC; box-shadow:4px 4px 4px  
4px #6723BC }
```

Background

The CSS property to change the background color of an element to Hex 6723BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6723BC }
```

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

```
.background{ background-color:#6723BC }
```

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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