

Converting Colors

Hex(653688)

Have a look what the booklet for
Hex(653688) contains.

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Color

Hex(653688)

Conversions

Conversions Part 1

Format	Color
Hex	653688
RGB	101, 54, 136
RGB Percent	40%, 21%, 53%
CMY	0.6039, 0.7882, 0.4667
CMYK	0.26, 0.60, 0.00, 0.47
HSL	274°, 43%, 37%
HSV	274°, 60%, 53%
XYZ	11.1299, 7.1826, 24.0923
YIQ	77.4010, 1.6900, 35.4660

Conversions

Conversions Part 2

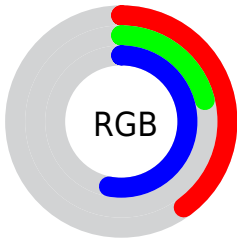
Format	Color
R_{YB}	101, 54, 136
Decimal	6633096
CIE _{Lab}	32.22, 36.78, -37.83
CIE _{LCh}	32, 52.761, 314.190
Yxy	7.1826, 0.2625, 0.1694
Android (android.graphics.Color)	4284823176 (0xFF653688)
YUV	77.4010, 28.8893, 20.6963
Hunter-Lab	26.8004, 27.2286, -34.5387

Details

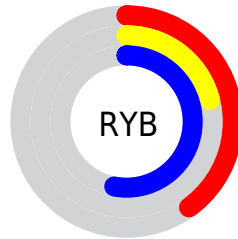
The Hex color **653688** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **598836**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9A67BE**, and **320555** is the 20% darker color. If you saturate the color by 10%, you get **5F2888**, and if you desaturate by 10%, it is **6B4488**.

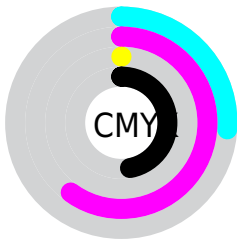
Distribution



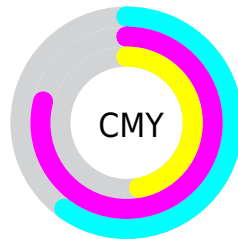
- Red (40%)
- Green (21%)
- Blue (53%)



- Red (40%)
- Yellow (21%)
- Blue (53%)



- Cyan (26%)
- Magenta (60%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653688 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 653688 by changing the saturation by 10% instead.

 653688

 653688

FFFFFF

 4B1E6E

 9A67BE

 320555

 B681DA

 1C003E

 D29BF7

 000027

 EFB7FF

 000110

 FFD3FF

 000000

 FFEFFF

 653688

 653688

 5F2888

 6B4488

■ 591B88

■ 715188

■ 540D88

■ 765F88

■ 4E0088

■ 7C6C88

■ 827A88

■ 888888

■ 8E9588

■ 93A388

■ 99B088

Harmonies

Analogous

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



004A9D



653688



8A1D63

Triad

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



653688



6F4200



005E5F

Complementary

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



653688



598836

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.



005C34



653688



4B5000

Square

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



653688



892D12



135803



005D85

Rectangle

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



653688



931548



135803



005E51

Sweetspot

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



653688



A290B0



365A88



514659



D9D9D9



595959

Same Dimension

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



653688



7A31B0



883683



423E45



4C0085



030005

Inverse Universe

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



883659



B03167



36883B



453E41



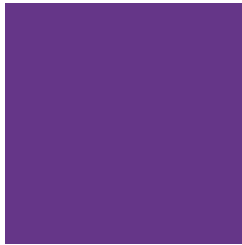
850039



050002

Previews

White Background



This preview shows how the Hex color 653688 looks on a white background.

Color Contrast Check

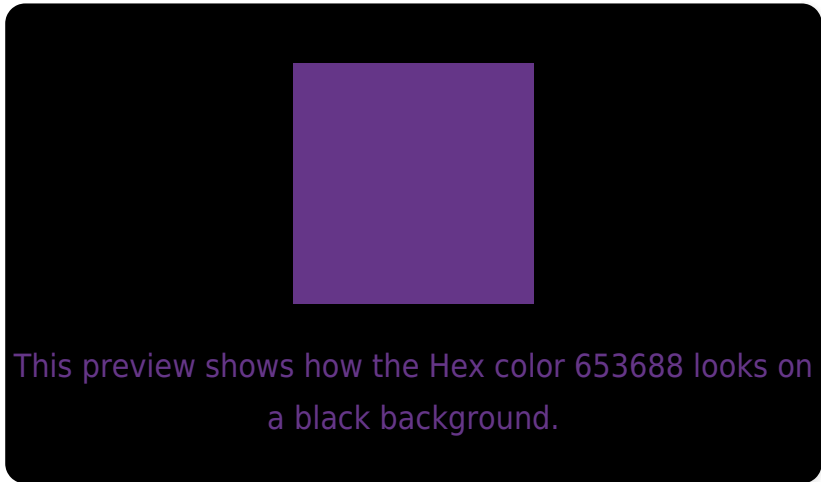
Large Text (above 18pt) WCAG AA ✓ Pass

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

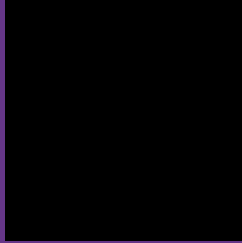
Any Text WCAG AA × Fail

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 653688 Background



This preview shows how black text looks on a background with the Hex color 653688.



This preview shows how white text looks on a background with the Hex color 653688.

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
5B474C

Trichromacy



Original Color
653688



Protanomaly
294295



Deuteranomaly
3A4585



Tritanomaly
5F4162

Monochromacy



Original Color
653688



Achromatopsia
4D4D4D



Achromatomaly
564562

CSS Examples

Text

The CSS property to change the color of the text to Hex 653688 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 #653688 looks like.

```
.text, #text, p{  
    color:#653688  
}
```

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 #653688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653688
}
```

Border

The CSS property to change the border of an element to Hex 653688 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
#653688 }
```

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

```
.border{ border-color:#653688 }
```

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

Here you see how a box with a 4 pixel #653688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653688; -webkit-box-shadow:4px 4px  
4px 4px #653688; box-shadow:4px 4px 4px  
4px #653688 }
```

Background

The CSS property to change the background color of an element to Hex 653688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653688 }
```

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

```
.background{ background-color:#653688 }
```

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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