

Converting Colors

Hex(676D93)

Have a look what the booklet for
Hex(676D93) contains.

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Color

Hex(676D93)

Conversions

Conversions Part 1

Format	Color
Hex	676D93
RGB	103, 109, 147
RGB Percent	40%, 43%, 58%
CMY	0.5961, 0.5725, 0.4235
CMYK	0.30, 0.26, 0.00, 0.42
HSL	232°, 18%, 49%
HSV	232°, 30%, 58%
XYZ	16.3286, 15.9274, 29.8175
YIQ	111.5380, -15.7740, 10.5460

Conversions

Conversions Part 2

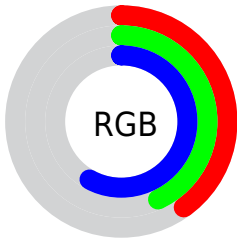
Format	Color
RYB	103, 108, 147
Decimal	6778259
CIELab	46.88, 6.92, -21.47
CIELCh	47, 22.554, 287.878
Yxy	15.9274, 0.2631, 0.2566
Android (android.graphics.Color)	4284968339 (0xFF676D93)
YUV	111.5380, 17.4828, -7.4878
Hunter-Lab	39.9092, 3.1912, -16.3611

Details

The Hex color **676D93** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **938D67**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BA0C9**, and **363E60** is the 20% darker color. If you saturate the color by 10%, you get **586093**, and if you desaturate by 10%, it is **767A93**.

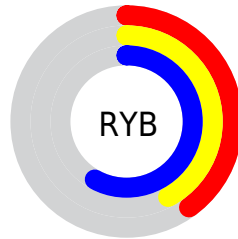
Distribution



Red (40%)

Green (43%)

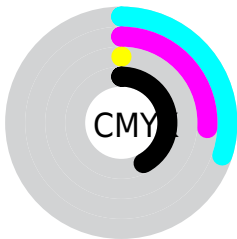
Blue (58%)



Red (40%)

Yellow (42%)

Blue (58%)

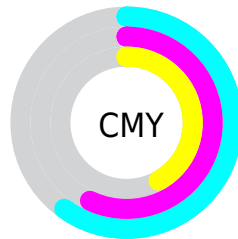


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676D93 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 676D93 by changing the saturation by 10% instead.

676D93

676D93

FFFFFF

4E5579

9BA0C9

363E60

B6BBE5

1F2848

D2D7FF

061432

EFF3FF

00021D

000000

676D93

676D93

586093

767A93

4A5493

848693

■ 3B4793

■ 939393

■ 2C3A93

■ A2A093

■ 1E2E93

■ B1AC93

■ 0F2193

■ BFB993

■ 001493

■ CEC693

■ DDD393

■ EBDF93

Harmonies

Analogous

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



4B7394



676D93



806689

Triad

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



676D93



906554



457967

Complementary

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



676D93



938D67

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.



5B7655



676D93



836B4A

Square

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



676D93



956164



71724B



347A7A

Rectangle

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



676D93



8B637E



71724B



4C7860

Sweetspot

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



676D93



AEB0BF



67938C



565861



E0E0E0



616161

Same Dimension

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



676D93



7A84BF



766793



43444A



00138A



00010A

Inverse Universe

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



93676D



BF7A84



849367



4A4344



8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 676D93 looks on a white background.

Color Contrast Check

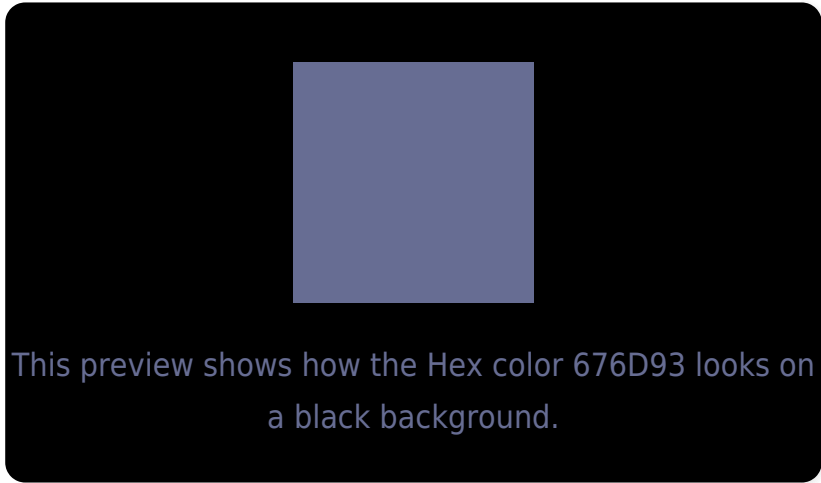
Large Text (above 18pt) WCAG AA ✓ Pass

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

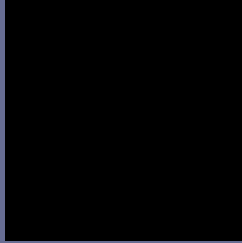
Any Text WCAG AA × Fail

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 676D93 Background



This preview shows how black text looks on a background with the Hex color 676D93.



This preview shows how white text looks on a background with the Hex color 676D93.

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



Original Color

676D93

Protanopia

656E93

Deuteranopia

666D93



Tritanopia
62727B

Trichromacy



Original Color
676D93

Protanomaly
666E93

Deuteranomaly
666D93

Tritanomaly
647084

Monochromacy



Original Color
676D93

Achromatopsia
707070

Achromatomaly
6D6F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 676D93 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 #676D93 looks like.

```
.text, #text, p{  
    color:#676D93  
}
```

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 #676D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D93
}
```

Border

The CSS property to change the border of an element to Hex 676D93 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
#676D93 }
```

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

```
.border{ border-color:#676D93 }
```

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

Here you see how a box with a 4 pixel #676D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D93; -webkit-box-shadow:4px 4px  
4px 4px #676D93; box-shadow:4px 4px 4px  
4px #676D93 }
```

Background

The CSS property to change the background color of an element to Hex 676D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D93 }
```

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

```
.background{ background-color:#676D93 }
```

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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