

Converting Colors

Hex(616D9D)

Have a look what the booklet for
Hex(616D9D) contains.

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Color

Hex(616D9D)

Conversions

Conversions Part 1

Format	Color
Hex	616D9D
RGB	97, 109, 157
RGB Percent	38%, 43%, 62%
CMY	0.6196, 0.5725, 0.3843
CMYK	0.38, 0.31, 0.00, 0.38
HSL	228°, 24%, 50%
HSV	228°, 38%, 62%
XYZ	16.4842, 15.9130, 34.1010
YIQ	110.8840, -22.5600, 12.3840

Conversions

Conversions Part 2

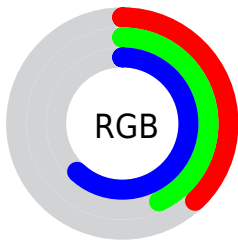
Format	Color
R_{YB}	97, 107, 157
Decimal	6385053
CIE _{Lab}	46.86, 7.89, -27.44
CIE _{LCh}	47, 28.552, 286.033
Yxy	15.9130, 0.2479, 0.2393
Android (android.graphics.Color)	4284575133 (0xFF616D9D)
YUV	110.8840, 22.7352, -12.1763
Hunter-Lab	39.8911, 3.9522, -22.7604

Details

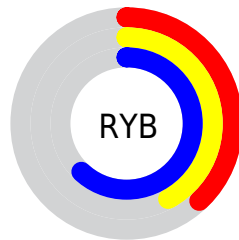
The Hex color **616D9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9161**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96A0D4**, and **2F3E69** is the 20% darker color. If you saturate the color by 10%, you get **51609D**, and if you desaturate by 10%, it is **717A9D**.

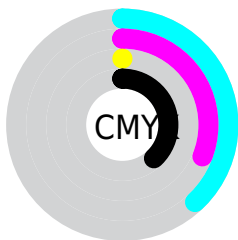
Distribution



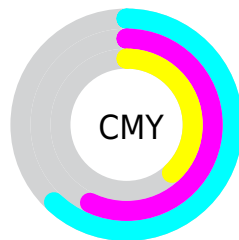
- Red (38%)
- Green (43%)
- Blue (62%)



- Red (38%)
- Yellow (42%)
- Blue (62%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616D9D 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 616D9D by changing the saturation by 10% instead.

■ 616D9D

■ 616D9D

FFFFFF

■ 485583

■ 96A0D4

■ 2F3E69

■ B1BBF0

■ 142851

■ CDD7FF

■ 00143A

■ E9F3FF

■ 000224

■ 00000C

■ 000000

■ 616D9D

■ 616D9D

■ 51609D

■ 717A9D

■ 42549D

■ 80869D

■ 32479D

■ 90939D

■ 223B9D

■ A09F9D

■ 122E9D

■ B0AC9D

■ 03229D

■ BFB89D

■ 001F9D

■ CFC59D

■ DFD19D

■ EEDE9D

Harmonies

Analogous

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



37759D



616D9D



826491

Triad

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



616D9D



98624E



387B63

Complementary

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



616D9D



9D9161

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.



57784D



616D9D



896A41

Square

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



616D9D



9E5D63



727240



0E7C7B

Rectangle

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



616D9D



915F83



727240



437A5B

Sweetspot

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



616D9D



B6BACC



619D91



595B66



E6E6E6



666666

Same Dimension

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



616D9D



6E81CC



73619D



47494F



001D8F



00030F

Inverse Universe

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



9D616D



CC6E81



8B9D61



4F4749



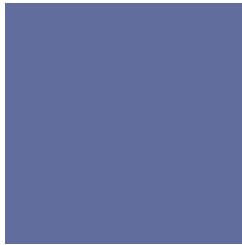
8F001D



0F0003

Previews

White Background



This preview shows how the Hex color 616D9D looks on a white background.

Color Contrast Check

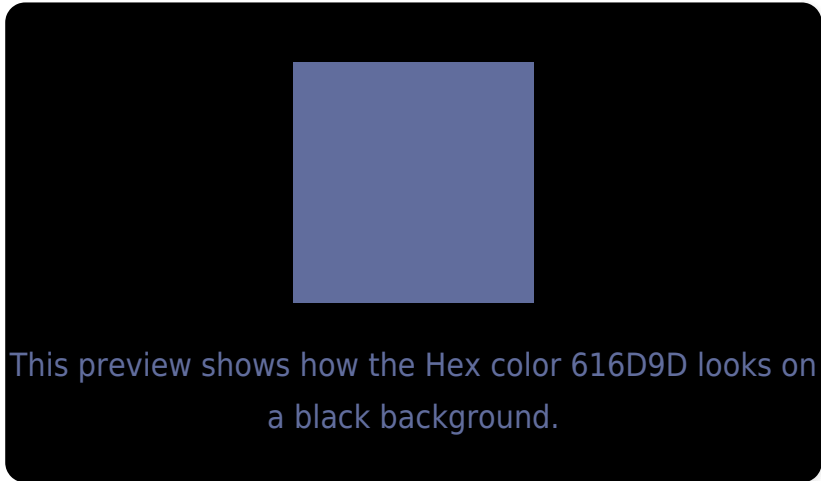
Large Text (above 18pt) WCAG AA ✓ Pass

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

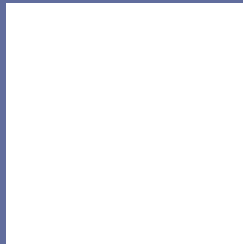
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 616D9D Background



This preview shows how black text looks on a background with the Hex color 616D9D.

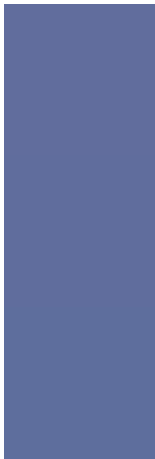


This preview shows how white text looks on a background with the Hex color 616D9D.

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
616D9D

Protanopia
606D9D

Deuteranopia
5E6E9D



Tritanopia
59737D

Trichromacy



Original Color
616D9D

Protanomaly
606D9D

Deuteranomaly
5F6E9D

Tritanomaly
5C7189

Monochromacy



Original Color
616D9D

Achromatopsia
6F6F6F

Achromatomaly
6A6E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 616D9D 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 #616D9D looks like.

```
.text, #text, p{  
    color:#616D9D  
}
```

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 #616D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616D9D
}
```

Border

The CSS property to change the border of an element to Hex 616D9D 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
#616D9D }
```

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

```
.border{ border-color:#616D9D }
```

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

Here you see how a box with a 4 pixel #616D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616D9D; -webkit-box-shadow:4px 4px  
4px 4px #616D9D; box-shadow:4px 4px 4px  
4px #616D9D }
```

Background

The CSS property to change the background color of an element to Hex 616D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616D9D }
```

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

```
.background{ background-color:#616D9D }
```

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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