

Converting Colors

Hex(636498)

Have a look what the booklet for
Hex(636498) contains.

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Color

Hex(636498)

Conversions

Conversions Part 1

Format	Color
Hex	636498
RGB	99, 100, 152
RGB Percent	39%, 39%, 60%
CMY	0.6118, 0.6078, 0.4039
CMYK	0.35, 0.34, 0.00, 0.40
HSL	239°, 21%, 49%
HSV	239°, 35%, 60%
XYZ	15.3703, 14.0340, 31.6045
YIQ	105.6290, -17.2880, 15.9600

Conversions

Conversions Part 2

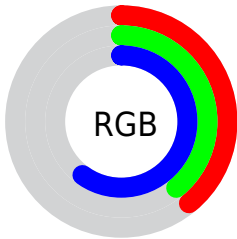
Format	Color
R_{YB}	99, 100, 152
Decimal	6513816
CIE _{Lab}	44.28, 12.57, -28.49
CIE _{LCh}	44, 31.139, 293.812
Yxy	14.0340, 0.2519, 0.2300
Android (android.graphics.Color)	4284703896 (0xFF636498)
YUV	105.6290, 22.8609, -5.8136
Hunter-Lab	37.4620, 7.6783, -23.7962

Details

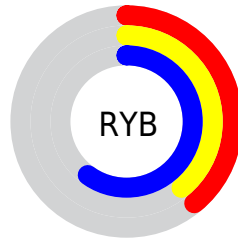
The Hex color **636498** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **989763**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9797CF**, and **313665** is the 20% darker color. If you saturate the color by 10%, you get **545598**, and if you desaturate by 10%, it is **727398**.

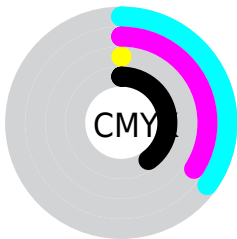
Distribution



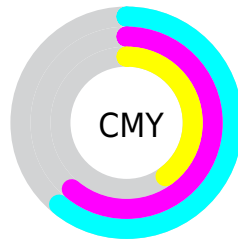
- Red (39%)
- Green (39%)
- Blue (60%)



- Red (39%)
- Yellow (39%)
- Blue (60%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636498 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 636498 by changing the saturation by 10% instead.

■ 636498

■ 636498

FFFFFF

■ 4A4C7E

■ 9797CF

■ 313665

■ B3B1EB

■ 18204C

■ CFCDFE

■ 000A35

■ EBE9FF

■ 000220

■ 000003

■ 000000

■ 636498

■ 636498

■ 545598

■ 727398

■ 454698

■ 818298

■ 353798

■ 919198

■ 262898

■ A0A098

■ 171998

■ AF98

■ 080B98

■ BEBD98

■ 000398

■ CDCC98

■ DDDB98

■ ECEA98

Harmonies

Analogous

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



336D9C



636498



845A88

Triad

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



636498



915C40



1B7662

Complementary

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



636498



989763

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.



457349



636498



7E6535

Square

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



636498



9A5555



646D38



00767D

Rectangle

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



636498



925678



646D38



2C7559

Sweetspot

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



636498



B1B1C4



639896



585863



E3E3E3



636363

Same Dimension

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



636498



7273C4



7C6398



45454D



00038C



00000D

Inverse Universe

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



986364



C47273



7F9863



4D4545



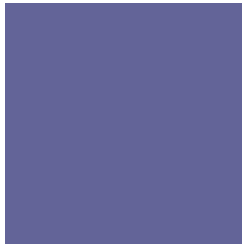
8C0003



0D0000

Previews

White Background



This preview shows how the Hex color 636498 looks on a white background.

Color Contrast Check

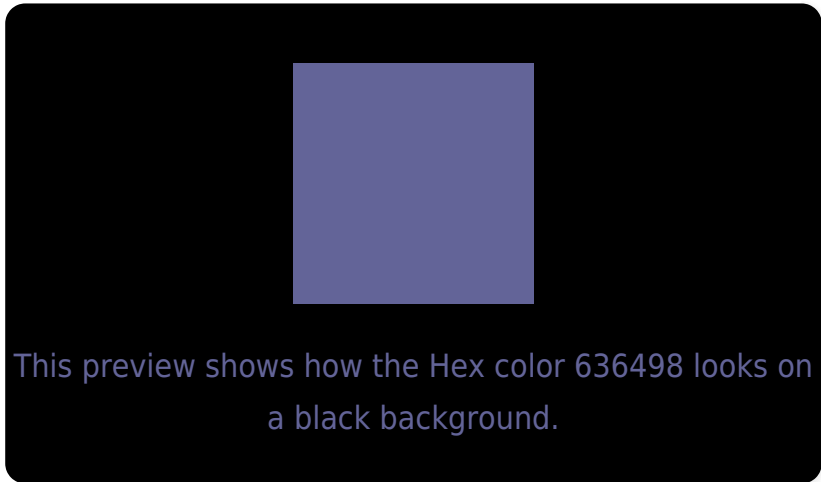
Large Text (above 18pt) WCAG AA ✓ Pass

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

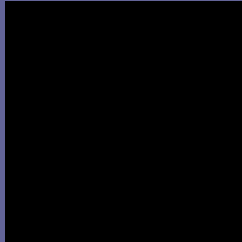
Any Text WCAG AA × Fail

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 636498 Background



This preview shows how black text looks on a background with the Hex color 636498.

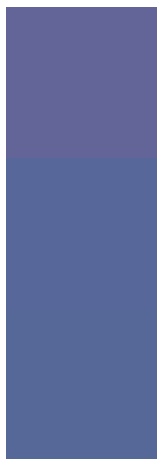


This preview shows how white text looks on a background with the Hex color 636498.

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](#).

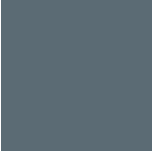
Dichromacy



Original Color
636498

Protanopia
57679A

Deuteranopia
566897



Tritanopia
5B6B74

Trichromacy



Original Color
636498

Protanomaly
5B6699

Deuteranomaly
5B6797

Tritanomaly
5E6881

Monochromacy



Original Color
636498

Achromatopsia
6A6A6A

Achromatomaly
67687B

CSS Examples

Text

The CSS property to change the color of the text to Hex 636498 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 #636498 looks like.

```
.text, #text, p{  
    color:#636498  
}
```

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 #636498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636498
}
```

Border

The CSS property to change the border of an element to Hex 636498 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
#636498 }
```

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

```
.border{ border-color:#636498 }
```

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

Here you see how a box with a 4 pixel #636498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636498; -webkit-box-shadow:4px 4px  
4px 4px #636498; box-shadow:4px 4px 4px  
4px #636498 }
```

Background

The CSS property to change the background color of an element to Hex 636498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636498 }
```

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

```
.background{ background-color:#636498 }
```

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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