

Converting Colors

Hex(636199)

Have a look what the booklet for
Hex(636199) contains.

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Color

Hex(636199)

Conversions

Conversions Part 1

Format	Color
Hex	636199
RGB	99, 97, 153
RGB Percent	39%, 38%, 60%
CMY	0.6118, 0.6196, 0.4000
CMYK	0.35, 0.37, 0.00, 0.40
HSL	242°, 22%, 49%
HSV	242°, 37%, 60%
XYZ	15.1701, 13.5019, 31.9436
YIQ	103.9820, -16.7840, 17.8400

Conversions

Conversions Part 2

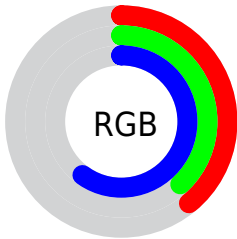
Format	Color
R_{YB}	99, 97, 153
Decimal	6513049
CIE _{Lab}	43.51, 14.71, -30.29
CIE _{LCh}	44, 33.673, 295.903
Yxy	13.5019, 0.2503, 0.2227
Android (android.graphics.Color)	4284703129 (0xFF636199)
YUV	103.9820, 24.1659, -4.3692
Hunter-Lab	36.7450, 9.3894, -25.8212

Details

The Hex color **636199** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **979961**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9894D0**, and **313366** is the 20% darker color. If you saturate the color by 10%, you get **545299**, and if you desaturate by 10%, it is **727099**.

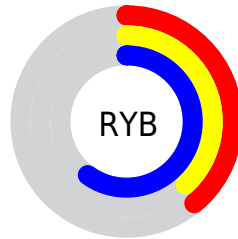
Distribution



Red (39%)

Green (38%)

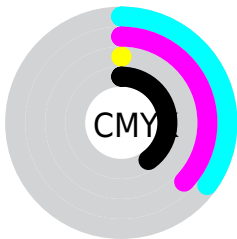
Blue (60%)



Red (39%)

Yellow (38%)

Blue (60%)

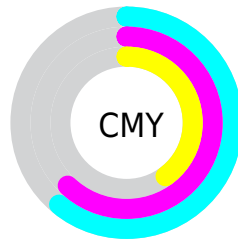


Cyan (35%)

Magenta (37%)

Yellow (0%)

Black (40%)



Cyan (61%)

Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636199 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 636199 by changing the saturation by 10% instead.

■ 636199

■ 636199

FFFFFF

■ 4A497F

■ 9894D0

■ 313366

■ B3AEEC

■ 171E4D

■ CFCAFF

■ 000636

■ EBE6FF

■ 000220

■ 000005

■ 000000

■ 636199

■ 636199

■ 545299

■ 727099

■ 454299

■ 818099

■ 373399

■ 8F8F99

■ 282499

■ 9E9E99

■ 191499

■ ADAD99

■ 0A0599

■ BCBD99

■ 050099

■ CACC99

■ D9DB99

■ E8EB99

Harmonies

Analogous

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



2C6B9E



636199



865686

Triad

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



636199



905A39



007562

Complementary

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



636199



979961

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.



3D7246



636199



7B642E

Square

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



636199



9B5150



5F6C33



00757E

Rectangle

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



636199



945175



5F6C33



1C7458

Sweetspot

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



636199



B2B1C7



619799



575763



E3E3E3



636363

Same Dimension

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



636199



736FC7



7F6199



45454D



05008C



00000D

Inverse Universe

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



996197



C76FC4



7B9961



4D454C



8C0087



0D000C

Previews

White Background



This preview shows how the Hex color 636199 looks on a white background.

Color Contrast Check

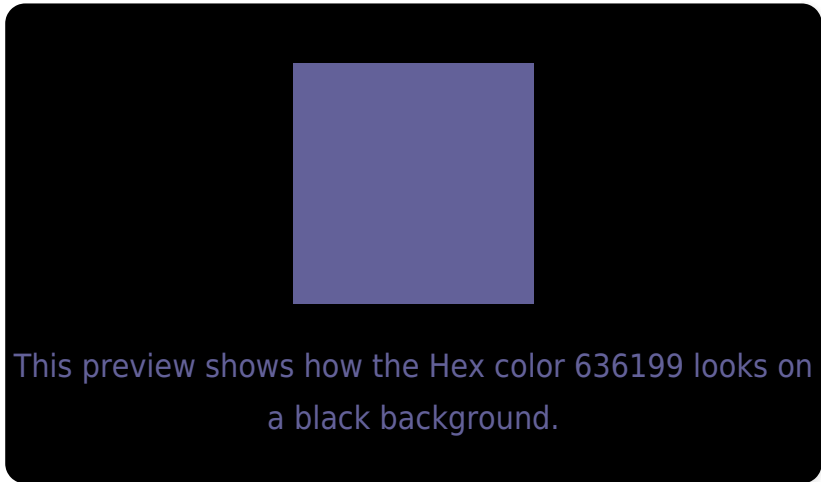
Large Text (above 18pt) WCAG AA ✓ Pass

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

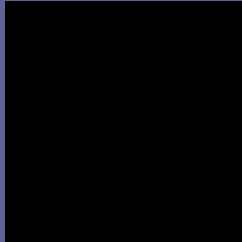
Any Text WCAG AA × Fail

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 636199 Background



This preview shows how black text looks on a background with the Hex color 636199.

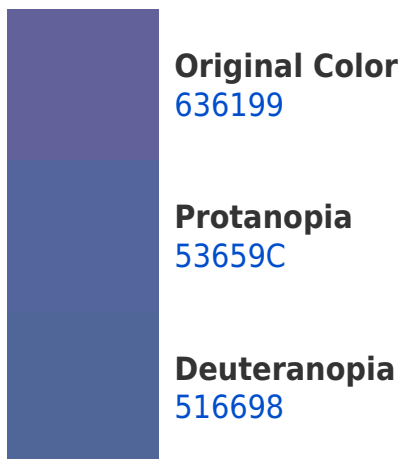


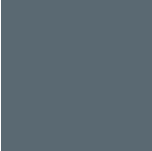
This preview shows how white text looks on a background with the Hex color 636199.

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
5A6972

Trichromacy



Original Color
636199

Protanomaly
59649B

Deuteranomaly
586498

Tritanomaly
5D6680

Monochromacy



Original Color
636199

Achromatopsia
686868

Achromatomaly
66657A

CSS Examples

Text

The CSS property to change the color of the text to Hex 636199 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 #636199 looks like.

```
.text, #text, p{  
    color:#636199  
}
```

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 #636199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636199
}
```

Border

The CSS property to change the border of an element to Hex 636199 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
#636199 }
```

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

```
.border{ border-color:#636199 }
```

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

Here you see how a box with a 4 pixel #636199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636199; -webkit-box-shadow:4px 4px  
4px 4px #636199; box-shadow:4px 4px 4px  
4px #636199 }
```

Background

The CSS property to change the background color of an element to Hex 636199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636199 }
```

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

```
.background{ background-color:#636199 }
```

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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