

Converting Colors

Hex(637596)

Have a look what the booklet for
Hex(637596) contains.

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Color

Hex(637596)

Conversions

Conversions Part 1

Format	Color
Hex	637596
RGB	99, 117, 150
RGB Percent	39%, 46%, 59%
CMY	0.6118, 0.5412, 0.4118
CMYK	0.34, 0.22, 0.00, 0.41
HSL	219°, 20%, 49%
HSV	219°, 34%, 59%
XYZ	17.0119, 17.5772, 31.3503
YIQ	115.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

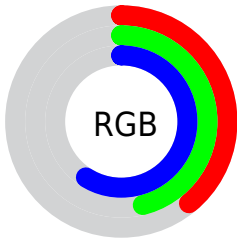
Format	Color
R_{YB}	99, 112, 150
Decimal	6518166
CIE _{Lab}	48.98, 1.70, -20.03
CIE _{LCh}	49, 20.104, 274.838
Yxy	17.5772, 0.2580, 0.2666
Android (android.graphics.Color)	4284708246 (0xFF637596)
YUV	115.3800, 17.0677, -14.3653
Hunter-Lab	41.9252, -0.9396, -14.9874

Details

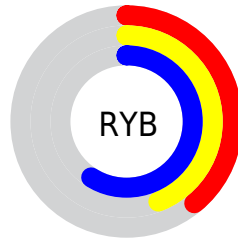
The Hex color **637596** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **968463**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97A9CC**, and **324563** is the 20% darker color. If you saturate the color by 10%, you get **546B96**, and if you desaturate by 10%, it is **727F96**.

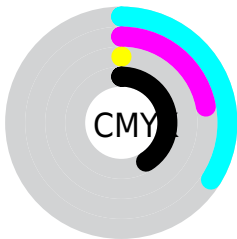
Distribution



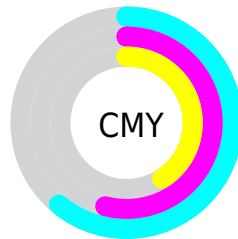
- Red (39%)
- Green (46%)
- Blue (59%)



- Red (39%)
- Yellow (44%)
- Blue (59%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637596 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 637596 by changing the saturation by 10% instead.

■ 637596

■ 637596

FFFFFF

■ 4A5C7C

■ 97A9CC

■ 324563

■ B2C4E8

■ 192F4B

■ CEE0FF

■ 001A34

■ EBFDFD

■ 00021F

■ 000003

■ 000000

■ 637596

■ 637596

■ 546B96

■ 727F96

■ 456296

■ 818896

■ 365896

■ 909296

■ 274E96

■ 9F9C96

■ 184496

■ AEA696

■ 093B96

■ BDAF96

■ 003596

■ CCB996

■ DBC396

■ EACC96

Harmonies

Analogous

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



4D7A93



637596



7B6F90

Triad

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



637596



966A62



587D65

Complementary

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



637596



968463

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.



6B7958



637596



8D6E56

Square

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



637596



966872



7E7452



477E77

Rectangle

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



637596



876B88



7E7452



5E7C60

Sweetspot

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



637596



AEB5C2



639683



555961



E0E0E0



616161

Same Dimension

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



637596



728EC2



6A6396



43454A



00318A



00040A

Inverse Universe

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



966375



C2728E



8F9663



4A4345



8A0031



0A0004

Previews

White Background



This preview shows how the Hex color 637596 looks on a white background.

Color Contrast Check

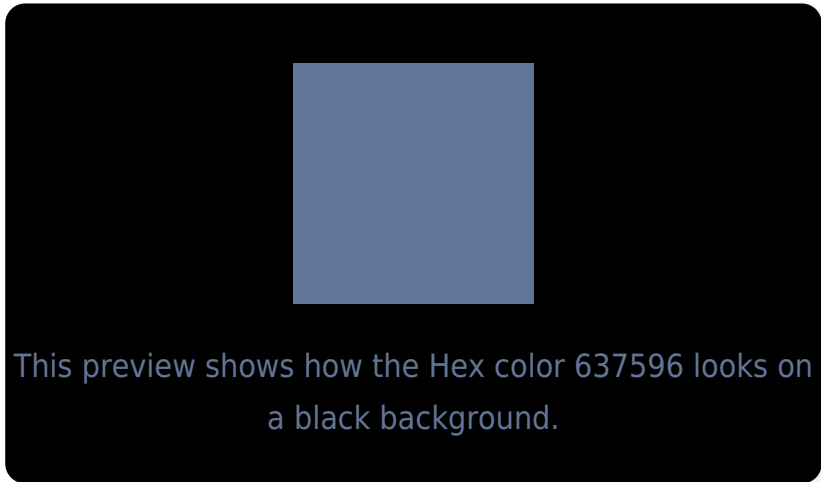
Large Text (above 18pt) WCAG AA ✓ Pass

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

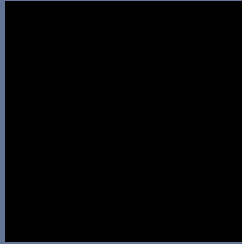
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

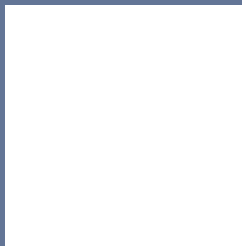
Any Text WCAG AAA × Fail

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

Hex 637596 Background



This preview shows how black text looks on a background with the Hex color 637596.

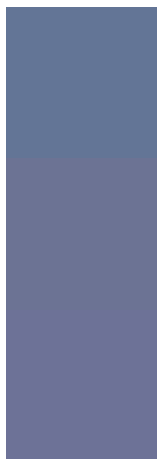


This preview shows how white text looks on a background with the Hex color 637596.

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
637596

Protanopia
6C7394

Deuteranopia
6D7297



Tritanopia
5E7982

Trichromacy



Original Color
637596

Protanomaly
697495

Deuteranomaly
697397

Tritanomaly
607889

Monochromacy



Original Color
637596

Achromatopsia
737373

Achromatomaly
6D7480

CSS Examples

Text

The CSS property to change the color of the text to Hex 637596 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 #637596 looks like.

```
.text, #text, p{  
    color:#637596  
}
```

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 #637596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637596
}
```

Border

The CSS property to change the border of an element to Hex 637596 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
#637596 }
```

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

```
.border{ border-color:#637596 }
```

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

Here you see how a box with a 4 pixel #637596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637596; -webkit-box-shadow:4px 4px  
4px 4px #637596; box-shadow:4px 4px 4px  
4px #637596 }
```

Background

The CSS property to change the background color of an element to Hex 637596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637596 }
```

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

```
.background{ background-color:#637596 }
```

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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