

Converting Colors

Hex(632668)

Have a look what the booklet for
Hex(632668) contains.

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Color

Hex(632668)

Conversions

Conversions Part 1

Format	Color
Hex	632668
RGB	99, 38, 104
RGB Percent	39%, 15%, 41%
CMY	0.6118, 0.8510, 0.5922
CMYK	0.05, 0.63, 0.00, 0.59
HSL	295°, 46%, 28%
HSV	295°, 63%, 41%
XYZ	8.3374, 5.0384, 13.6298
YIQ	63.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

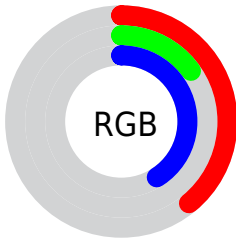
Format	Color
R_{YB}	99, 38, 104
Decimal	6497896
CIE _{Lab}	26.84, 37.49, -26.18
CIE _{LCh}	27, 45.725, 325.073
Yxy	5.0384, 0.3087, 0.1866
Android (android.graphics.Color)	4284687976 (0xFF632668)
YUV	63.7630, 19.8368, 30.9028
Hunter-Lab	22.4463, 27.0207, -20.2895

Details

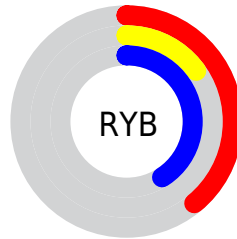
The Hex color **632668** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6826**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **98579C**, and **310038** is the 20% darker color. If you saturate the color by 10%, you get **621C68**, and if you desaturate by 10%, it is **643068**.

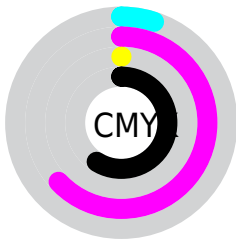
Distribution



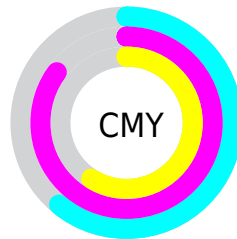
- Red (39%)
- Green (15%)
- Blue (41%)



- Red (39%)
- Yellow (15%)
- Blue (41%)



- Cyan (5%)
- Magenta (63%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 632668 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 632668 by changing the saturation by 10% instead.

632668

632668

FFFFFF

4A0B50

98579C

310038

B371B7

1B0023

CF8BD2

000009

ECA6EF

000000

FFC1FF

FFDEFF

FFFBFF

632668

632668

621C68

643068

611168

653B68

610768

654568

600068

665068

675A68

686468

696F68

697968

6A8468

Harmonies

Analogous

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



2F397F



632668



791547

Triad

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



632668



543C00



004F5C

Complementary

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



632668



2B6826

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.



004E38



632668



324600

Square

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



632668



6C2C01



004C13



004C79

Rectangle

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



632668



7C1530



004C13



004F51

Sweetspot

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



632668



856D87



262B68



443545



C4C4C4



454545

Same Dimension

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



632668



7F2087



68264C



332E33



6A0073



E000F2

Inverse Universe

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



68262B



872028



266842



332E2E



730009



F20012

Previews

White Background



This preview shows how the Hex color 632668 looks on a white background.

Color Contrast Check

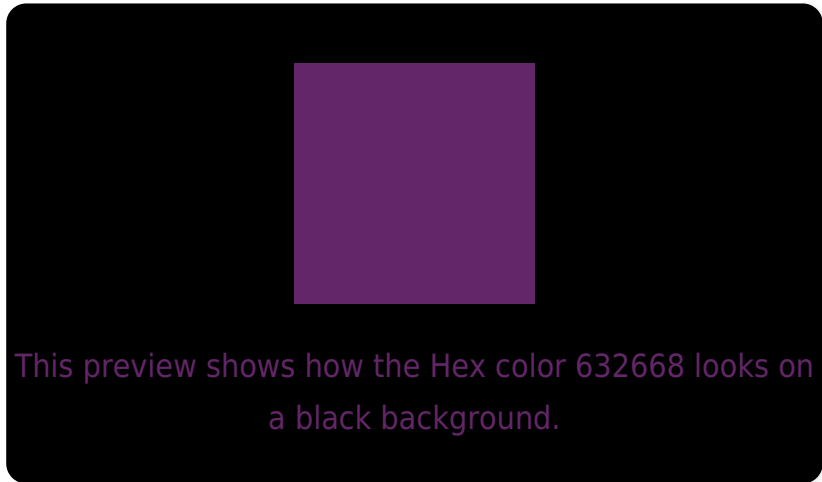
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

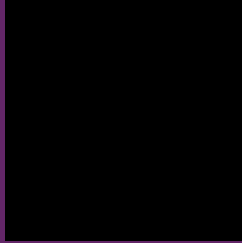
Any Text WCAG AA × Fail

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 632668 Background



This preview shows how black text looks on a background with the Hex color 632668.



This preview shows how white text looks on a background with the Hex color 632668.

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
632668

Protanopia
173E7F

Deuteranopia
2E4064



Tritanopia
5D3438

Trichromacy



Original Color
632668

Protanomaly
333577

Deuteranomaly
413765

Tritanomaly
5F2F49

Monochromacy



Original Color
632668

Achromatopsia
404040

Achromatomaly
4D374F

CSS Examples

Text

The CSS property to change the color of the text to Hex 632668 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 #632668 looks like.

```
.text, #text, p{  
    color:#632668  
}
```

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 #632668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632668
}
```

Border

The CSS property to change the border of an element to Hex 632668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

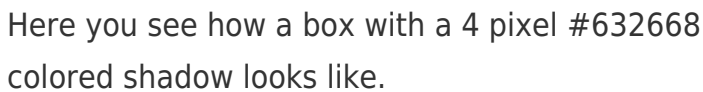
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632668 }
```

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

```
.border{ border-color:#632668 }
```

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



Here you see how a box with a 4 pixel #632668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632668; -webkit-box-shadow:4px 4px  
4px 4px #632668; box-shadow:4px 4px 4px  
4px #632668 }
```

Background

The CSS property to change the background color of an element to Hex 632668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632668 }
```

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

```
.background{ background-color:#632668 }
```

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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