

# Converting Colors

Hex(635276)

Have a look what the booklet for  
Hex(635276) contains.

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# Color

**Hex(635276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635276
RGB	99, 82, 118
RGB Percent	39%, 32%, 46%
CMY	0.6118, 0.6784, 0.5373
CMYK	0.16, 0.31, 0.00, 0.54
HSL	268°, 18%, 39%
HSV	268°, 31%, 46%
XYZ	11.4329, 9.9952, 18.4662
YIQ	91.1870, -1.4240, 14.8000

# Conversions

## Conversions Part 2

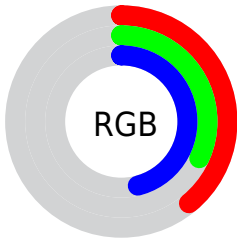
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 82, 118
Decimal	6509174
CIE <sub>Lab</sub>	37.83, 14.77, -17.89
CIE <sub>LCh</sub>	38, 23.201, 309.555
Yxy	9.9952, 0.2866, 0.2505
Android (android.graphics.Color)	4284699254 (0xFF635276)
YUV	91.1870, 13.2188, 6.8520
Hunter-Lab	31.6153, 9.2236, -12.5002

# Details

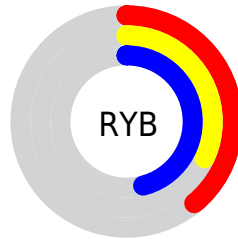
The Hex color **635276** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **657652**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9684AA**, and **342546** is the 20% darker color. If you saturate the color by 10%, you get **5D4676**, and if you desaturate by 10%, it is **695E76**.

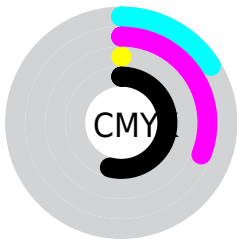
# Distribution



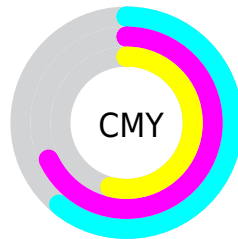
- Red (39%)
- Green (32%)
- Blue (46%)



- Red (39%)
- Yellow (32%)
- Blue (46%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (68%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635276 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 635276 by changing the saturation by 10% instead.



635276

635276

FFFFFF

4B3B5D

9684AA

342546

B19EC6

1E112F

CDB9E2

00001A

E9D4FE

000000

FFF1FF

635276

635276

5D4676

695E76

573A76

6F6A76

■ 502F76

■ 767576

■ 4A2376

■ 7C8176

■ 441776

■ 828D76

■ 3E0B76

■ 889976

■ 380076

■ 8FA576

■ 95B076

■ 9BBC76

# Harmonies

## Analogous

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



48597E



635276



754C67

# Triad

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



635276



705336



1A635F

# Complementary

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



635276



657652

# 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.



34624B



635276



605A34

# Square

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



635276



7B4D42



4B5F3C



0C6270

# Rectangle

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



635276



7C4B5A



4B5F3C



236358



# Sweetspot

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



635276



928B99



526576



48444D



CCCCCC



4D4D4D



# Same Dimension

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



635276



7B6099



755276



38353B



3A007A



7600FA



# Inverse Universe

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



765265



99607E



537652



3B3538



7A0041

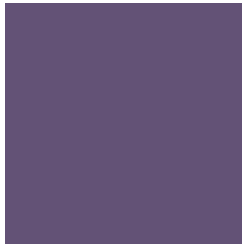


FA0084



# Previews

## White Background



This preview shows how the Hex color 635276 looks on a white background.

## Color Contrast Check

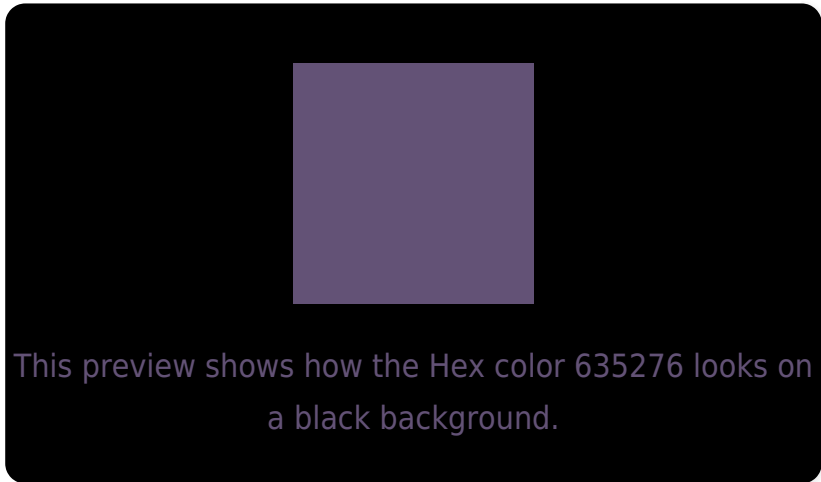
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

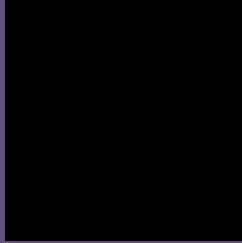
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635276 Background



This preview shows how black text looks on a background with the Hex color 635276.

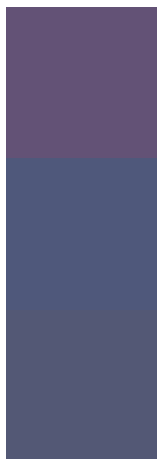


This preview shows how white text looks on a background with the Hex color 635276.

# 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**  
635276

**Protanopia**  
4F587B

**Deuteranopia**  
535875



**Tritanopia**  
5F575E

# Trichromacy



**Original Color**  
635276

**Protanomaly**  
565679

**Deuteranomaly**  
595675

**Tritanomaly**  
605567

# Monochromacy



**Original Color**  
635276

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5E5865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635276 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 #635276 looks like.

```
.text, #text, p{  
    color:#635276  
}
```

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 #635276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635276
}
```

## Border

The CSS property to change the border of an element to Hex 635276 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
#635276 }
```

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

```
.border{ border-color:#635276 }
```

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

Here you see how a box with a 4 pixel #635276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635276; -webkit-box-shadow:4px 4px  
4px 4px #635276; box-shadow:4px 4px 4px  
4px #635276 }
```

# Background

The CSS property to change the background color of an element to Hex 635276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635276 }
```

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

```
.background{ background-color:#635276 }
```

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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