

Converting Colors

Hex(635166)

Have a look what the booklet for
Hex(635166) contains.

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Color

Hex(635166)

Conversions

Conversions Part 1

Format	Color
Hex	635166
RGB	99, 81, 102
RGB Percent	39%, 32%, 40%
CMY	0.6118, 0.6824, 0.6000
CMYK	0.03, 0.21, 0.00, 0.60
HSL	291°, 11%, 36%
HSV	291°, 21%, 40%
XYZ	10.4863, 9.4968, 13.8508
YIQ	88.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

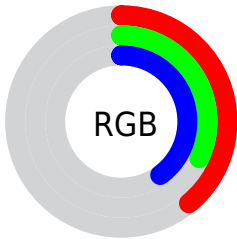
Format	Color
R_{YB}	99, 81, 102
Decimal	6508902
CIE _{Lab}	36.92, 11.69, -9.34
CIE _{LCh}	37, 14.960, 321.381
Yxy	9.4968, 0.3099, 0.2807
Android (android.graphics.Color)	4284698982 (0xFF635166)
YUV	88.7760, 6.5194, 8.9664
Hunter-Lab	30.8169, 6.8099, -5.0762

Details

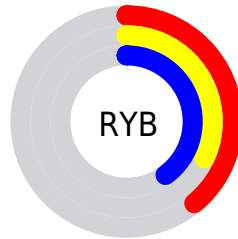
The Hex color **635166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **546651**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **968299**, and **342437** is the 20% darker color. If you saturate the color by 10%, you get **624766**, and if you desaturate by 10%, it is **645B66**.

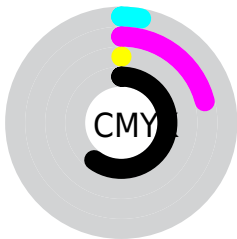
Distribution



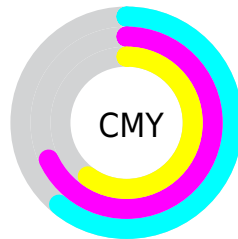
- Red (39%)
- Green (32%)
- Blue (40%)



- Red (39%)
- Yellow (32%)
- Blue (40%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635166 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 635166 by changing the saturation by 10% instead.

 635166

 635166

FFFFFF

 4B3A4E

 968299

 342437

 B19CB4

 1F1022

 CCB7CF

 00000A

 E8D3EC

 000000

 FFEFFF

 635166

 635166

 624766

 645B66

 603D66

 666566

■ 5F3266

■ 677066

■ 5D2866

■ 697A66

■ 5C1E66

■ 6A8466

■ 5A1466

■ 6C8E66

■ 590A66

■ 6D9866

■ 570066

■ 6FA366

■ 70AD66

Harmonies

Analogous

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



54556D



635166



6D4E5B

Triad

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



635166



63553F



345E5F

Complementary

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



635166



546651

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.



3C5D53



635166



575940

Square

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



635166



6C5145



495C48



375C69

Rectangle

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



635166



6F4E53



495C48



365E5B

Sweetspot

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



635166



837D85



515466



423E42



C2C2C2



424242

Same Dimension

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



635166



806385



66515F



322E33



620073



D000F2

Inverse Universe

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



665154



856368



516658



332E2F



730010



F20023

Previews

White Background



This preview shows how the Hex color 635166 looks on a white background.

Color Contrast Check

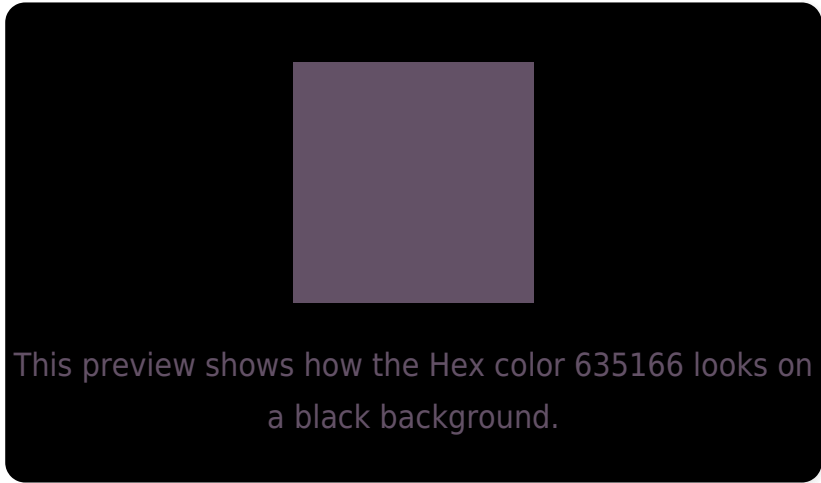
Large Text (above 18pt) WCAG AA ✓ Pass

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

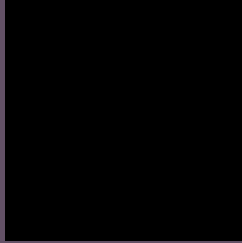
Any Text WCAG AA × Fail

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 635166 Background



This preview shows how black text looks on a background with the Hex color 635166.



This preview shows how white text looks on a background with the Hex color 635166.

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
635166

Protanopia
53566A

Deuteranopia
595565



Tritanopia
61535A

Trichromacy



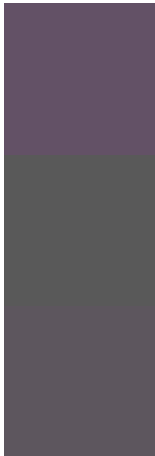
Original Color
635166

Protanomaly
595469

Deuteranomaly
5D5465

Tritanomaly
62525E

Monochromacy



Original Color
635166

Achromatopsia
595959

Achromatomaly
5D565E

CSS Examples

Text

The CSS property to change the color of the text to Hex 635166 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 #635166 looks like.

```
.text, #text, p{  
    color:#635166  
}
```

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 #635166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635166  
}
```

Border

The CSS property to change the border of an element to Hex 635166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

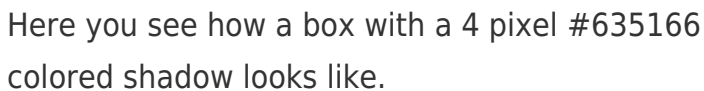
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#635166 }
```

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

```
.border{ border-color:#635166 }
```

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



Here you see how a box with a 4 pixel #635166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635166; -webkit-box-shadow:4px 4px  
4px 4px #635166; box-shadow:4px 4px 4px  
4px #635166 }
```

Background

The CSS property to change the background color of an element to Hex 635166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635166 }
```

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

```
.background{ background-color:#635166 }
```

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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