

Converting Colors

Hex(55416B)

Have a look what the booklet for
Hex(55416B) contains.

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Color

Hex(55416B)

Conversions

Conversions Part 1

Format	Color
Hex	55416B
RGB	85, 65, 107
RGB Percent	33%, 25%, 42%
CMY	0.6667, 0.7451, 0.5804
CMYK	0.21, 0.39, 0.00, 0.58
HSL	269°, 24%, 34%
HSV	269°, 39%, 42%
XYZ	8.2905, 6.7734, 14.7804
YIQ	75.7680, -1.5620, 17.3020

Conversions

Conversions Part 2

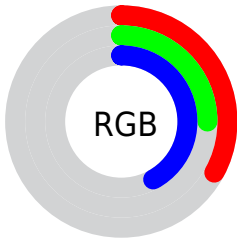
Format	Color
RYB	85, 65, 107
Decimal	5587307
CIELab	31.29, 17.93, -21.26
CIElCh	31, 27.809, 310.137
Yxy	6.7734, 0.2778, 0.2270
Android (android.graphics.Color)	4283777387 (0xFF55416B)
YUV	75.7680, 15.3974, 8.0965
Hunter-Lab	26.0258, 11.3155, -15.4534

Details

The Hex color **55416B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576B41**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **87719F**, and **26163B** is the 20% darker color. If you saturate the color by 10%, you get **4F366B**, and if you desaturate by 10%, it is **5B4C6B**.

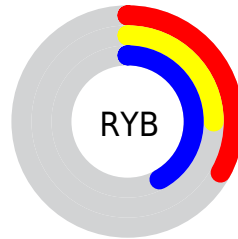
Distribution



Red (33%)

Green (25%)

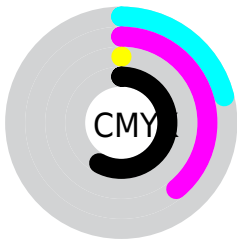
Blue (42%)



Red (33%)

Yellow (25%)

Blue (42%)

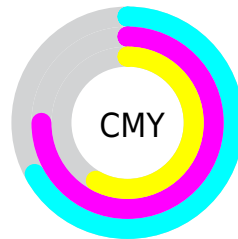


Cyan (21%)

Magenta (39%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55416B 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 55416B by changing the saturation by 10% instead.

■ 55416B

■ 55416B

FFFFFF

■ 3D2B53

■ 87719F

■ 26163B

■ A28BBA

■ 150026

■ BDA5D5

■ 00010F

■ D9C0F2

■ 000000

■ F6DCFF

■ FFF9FF

■ 55416B

■ 55416B

■ 4F366B

■ 5B4C6B

■ 4A2C6B

■ 60566B

■ 44216B

■ 66616B

■ 3F166B

■ 6B6C6B

■ 390C6B

■ 71776B

■ 33016B

■ 77816B

■ 33006B

■ 7C8C6B

■ 82976B

■ 87A16B

Harmonies

Analogous

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



324974



55416B



6A3A59

Triad

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



55416B



624320



005551

Complementary

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



55416B



576B41

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.



17543A



55416B



4F4B1D

Square

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



55416B



6F3C2F



385027



005465

Rectangle

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



55416B



71374A



385027



005549

Sweetspot

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



55416B



837B8C



41576B



423D47



C7C7C7



474747

Same Dimension

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



55416B



6A4A8C



6A416B



333036



380075



7500F5

Inverse Universe

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



6B4157



8C4A6D



426B41



363033



75003D



F50080

Previews

White Background



This preview shows how the Hex color 55416B looks on a white background.

Color Contrast Check

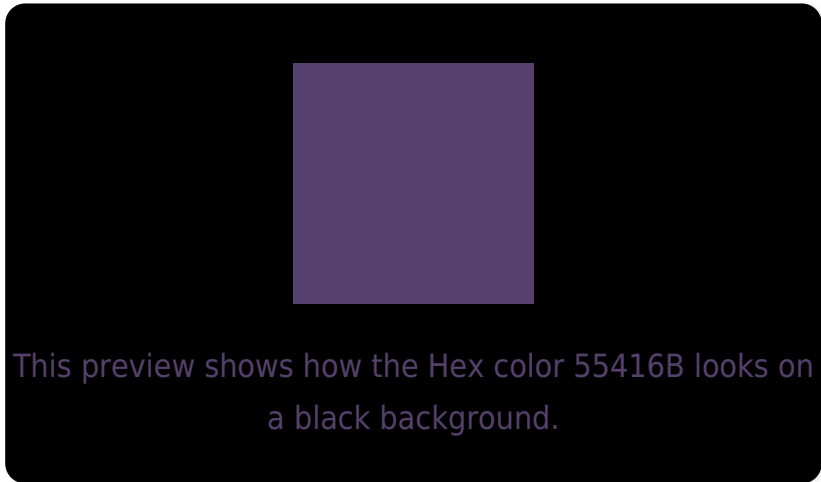
Large Text (above 18pt) WCAG AA ✓ Pass

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

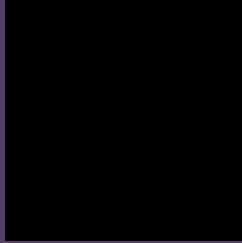
Any Text WCAG AA × Fail

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 55416B Background



This preview shows how black text looks on a background with the Hex color 55416B.



This preview shows how white text looks on a background with the Hex color 55416B.

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
55416B

Protanopia
3B4871

Deuteranopia
3E4969



Tritanopia
50474D

Trichromacy



Original Color
55416B

Protanomaly
44456F

Deuteranomaly
46466A

Tritanomaly
524558

Monochromacy



Original Color
55416B

Achromatopsia
4C4C4C

Achromatomaly
4F4857

CSS Examples

Text

The CSS property to change the color of the text to Hex 55416B 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 #55416B looks like.

```
.text, #text, p{  
    color:#55416B  
}
```

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 #55416B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55416B
}
```

Border

The CSS property to change the border of an element to Hex 55416B is called "border". The border property can be set on classes, ids or directly on the HTML element.

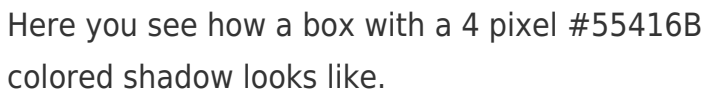
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55416B }
```

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

```
.border{ border-color:#55416B }
```

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



Here you see how a box with a 4 pixel #55416B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55416B; -webkit-box-shadow:4px 4px  
4px 4px #55416B; box-shadow:4px 4px 4px  
4px #55416B }
```

Background

The CSS property to change the background color of an element to Hex 55416B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55416B }
```

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

```
.background{ background-color:#55416B }
```

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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