

Converting Colors

Hex(563663)

Have a look what the booklet for
Hex(563663) contains.

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Color

Hex(563663)

Conversions

Conversions Part 1

Format	Color
Hex	563663
RGB	86, 54, 99
RGB Percent	34%, 21%, 39%
CMY	0.6627, 0.7882, 0.6118
CMYK	0.13, 0.45, 0.00, 0.61
HSL	283°, 29%, 30%
HSV	283°, 45%, 39%
XYZ	7.4090, 5.5176, 12.4789
YIQ	68.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

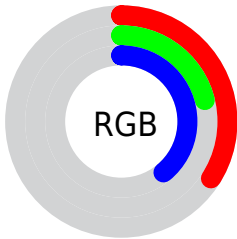
Format	Color
RYB	86, 54, 99
Decimal	5650019
CIELab	28.16, 23.24, -21.01
CIELCh	28, 31.327, 317.885
Yxy	5.5176, 0.2916, 0.2172
Android (android.graphics.Color)	4283840099 (0xFF563663)
YUV	68.6980, 14.9389, 15.1739
Hunter-Lab	23.4896, 15.1953, -15.0552

Details

The Hex color **563663** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **436336**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **896696**, and **270A34** is the 20% darker color. If you saturate the color by 10%, you get **532C63**, and if you desaturate by 10%, it is **594063**.

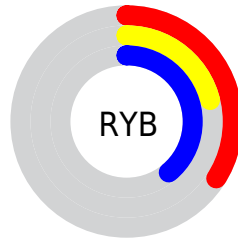
Distribution



Red (34%)

Green (21%)

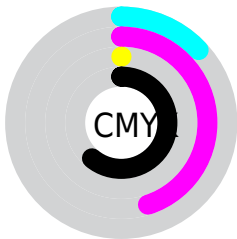
Blue (39%)



Red (34%)

Yellow (21%)

Blue (39%)

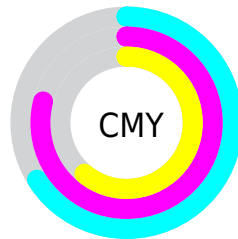


Cyan (13%)

Magenta (45%)

Yellow (0%)

Black (61%)



Cyan (66%)

Magenta (79%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563663 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 563663 by changing the saturation by 10% instead.

■ 563663

■ 563663

FFFFFF

■ 3E204B

■ 896696

■ 270A34

■ A37FB1

■ 11001F

■ BF99CC

■ 000001

■ DBB4E9

■ 000000

■ F7D0FF

■ FFECFF

■ 563663

■ 563663

■ 532C63

■ 594063

■ 502263

■ 5C4A63

■ 4D1863

■ 5F5463

■ 4B0E63

■ 615E63

■ 480463

■ 646863

■ 460063

■ 677163

■ 6A7B63

■ 6D8563

■ 708F63

Harmonies

Analogous

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



324070



563663



692E4D

Triad

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



563663



583E11



004E50

Complementary

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



563663



436336

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



563663



424611

Square

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



563663



68341F



254B21



004D66

Rectangle

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



563663



6E2C3D



254B21



004E48

Sweetspot

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



563663



7A6E80



364463



3D3540



BFBFBF



404040

Same Dimension

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



563663



6B3980



63365A



2F2C30



500070



AA00F0

Inverse Universe

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



633643



80394E



36633F



302C2D



700020



F00045

Previews

White Background



This preview shows how the Hex color 563663 looks on a white background.

Color Contrast Check

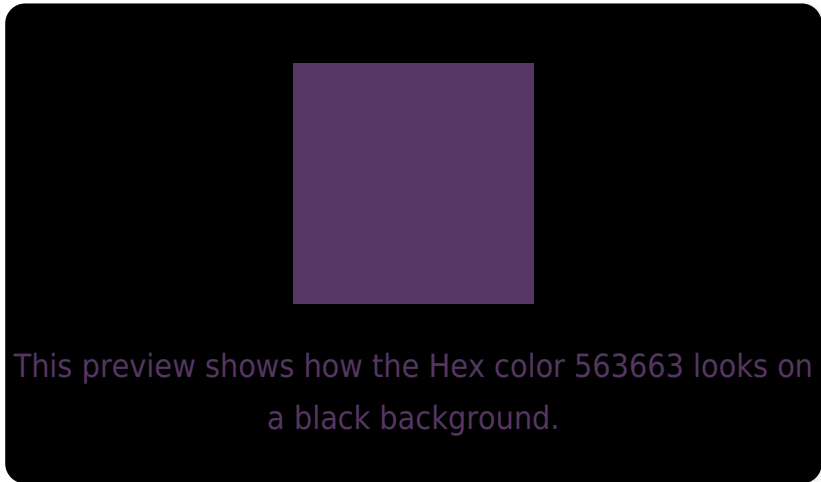
Large Text (above 18pt) WCAG AA ✓ Pass

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

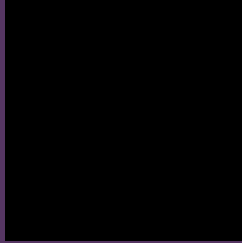
Any Text WCAG AA × Fail

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 563663 Background



This preview shows how black text looks on a background with the Hex color 563663.



This preview shows how white text looks on a background with the Hex color 563663.

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](#).

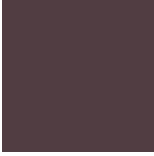
Dichromacy



Original Color
563663

Protanopia
32416D

Deuteranopia
374261



Tritanopia
513D42

Trichromacy



Original Color
563663

Protanomaly
3F3D69

Deuteranomaly
423E62

Tritanomaly
533A4E

Monochromacy



Original Color
563663

Achromatopsia
454545

Achromatomaly
4B4050

CSS Examples

Text

The CSS property to change the color of the text to Hex 563663 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 #563663 looks like.

```
.text, #text, p{  
    color:#563663  
}
```

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 #563663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563663
}
```

Border

The CSS property to change the border of an element to Hex 563663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

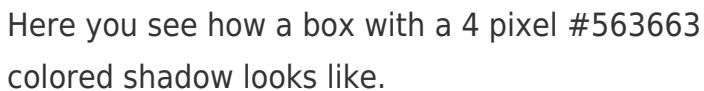
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563663 }
```

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

```
.border{ border-color:#563663 }
```

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



Here you see how a box with a 4 pixel #563663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563663; -webkit-box-shadow:4px 4px  
4px 4px #563663; box-shadow:4px 4px 4px  
4px #563663 }
```

Background

The CSS property to change the background color of an element to Hex 563663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563663 }
```

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

```
.background{ background-color:#563663 }
```

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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