

Converting Colors

Hex(563074)

Have a look what the booklet for
Hex(563074) contains.

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Color

Hex(563074)

Conversions

Conversions Part 1

Format	Color
Hex	563074
RGB	86, 48, 116
RGB Percent	34%, 19%, 45%
CMY	0.6627, 0.8118, 0.5451
CMYK	0.26, 0.59, 0.00, 0.55
HSL	274°, 41%, 32%
HSV	274°, 59%, 45%
XYZ	8.0471, 5.3533, 17.1322
YIQ	67.1140, 0.8200, 29.2040

Conversions

Conversions Part 2

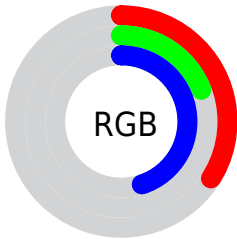
Format	Color
R_{YB}	86, 48, 116
Decimal	5648500
CIE _{Lab}	27.72, 31.11, -32.60
CIE _{LCh}	28, 45.059, 313.664
Yxy	5.3533, 0.2636, 0.1753
Android (android.graphics.Color)	4283838580 (0xFF563074)
YUV	67.1140, 24.1008, 16.5630
Hunter-Lab	23.1372, 21.5921, -27.7058

Details

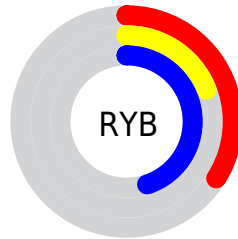
The Hex color **563074** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E7430**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A60A9**, and **250343** is the 20% darker color. If you saturate the color by 10%, you get **512474**, and if you desaturate by 10%, it is **5B3C74**.

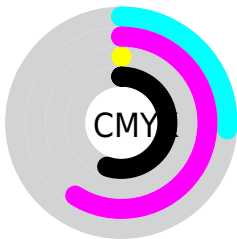
Distribution



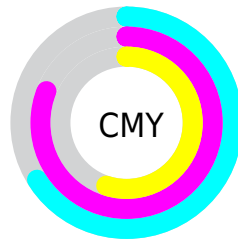
- Red (34%)
- Green (19%)
- Blue (45%)



- Red (34%)
- Yellow (19%)
- Blue (45%)



- Cyan (26%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563074 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 563074 by changing the saturation by 10% instead.

■ 563074

■ 563074

FFFFFF

■ 3D195B

■ 8A60A9

■ 250343

■ A579C4

■ 0F002D

■ C093E0

■ 000117

■ DDAEFD

■ 000000

■ FACAFF

■ FFE6FF

■ 563074

■ 563074

■ 512474

■ 5B3C74

■ 4C1974

■ 604774

■ 470D74

■ 655374

■ 420274

■ 6A5E74

■ 410074

■ 706A74

■ 757674

■ 7A8174

■ 7F8D74

■ 849874

Harmonies

Analogous

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



004085



563074



751E56

Triad

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



563074



603900



005151

Complementary

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



563074



4E7430

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.



00502D



563074



424500

Square

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



563074



752812



174C07



005071

Rectangle

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



563074



7D183F



174C07



005145

Sweetspot

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



563074



8B7B96



304F74



453C4D



CCCCCC



4D4D4D

Same Dimension

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



563074



682D96



743071



38353B



44007A



8C00FA

Inverse Universe

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



74304E



962D5C



307433



3B3537



7A0036



FA006E

Previews

White Background



This preview shows how the Hex color 563074 looks on a white background.

Color Contrast Check

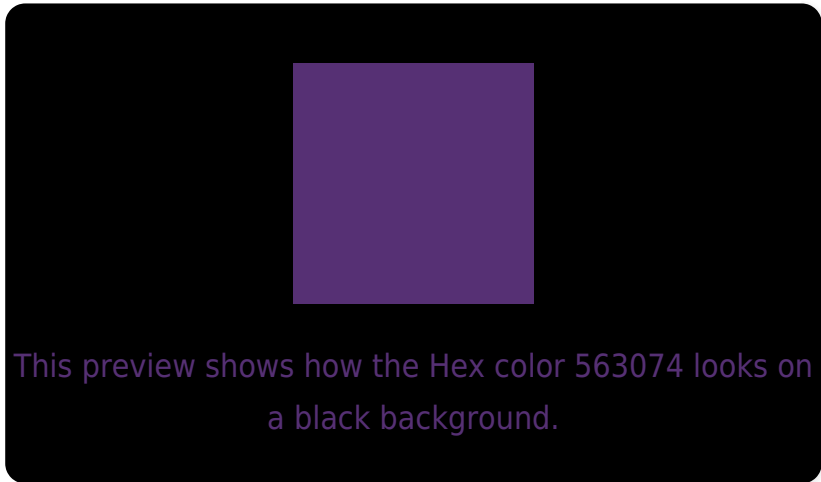
Large Text (above 18pt) WCAG AA ✓ Pass

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 563074 Background



This preview shows how black text looks on a background with the Hex color 563074.

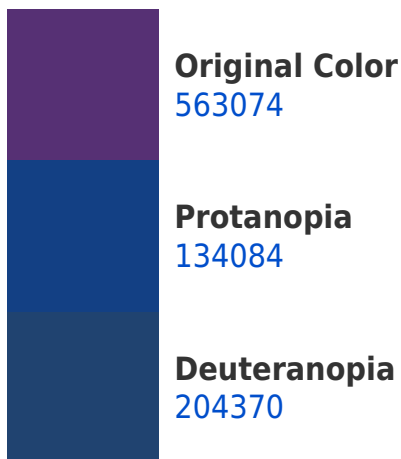


This preview shows how white text looks on a background with the Hex color 563074.

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





Tritanopia
4D3E42

Trichromacy



Original Color
563074

Protanomaly
2B3A7E

Deuteranomaly
343C71

Tritanomaly
503954

Monochromacy



Original Color
563074

Achromatopsia
434343

Achromatomaly
4A3C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 563074 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 #563074 looks like.

```
.text, #text, p{  
    color:#563074  
}
```

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 #563074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563074
}
```

Border

The CSS property to change the border of an element to Hex 563074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

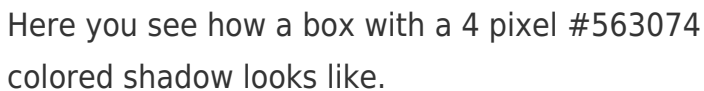
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563074 }
```

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

```
.border{ border-color:#563074 }
```

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



Here you see how a box with a 4 pixel #563074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563074; -webkit-box-shadow:4px 4px  
4px 4px #563074; box-shadow:4px 4px 4px  
4px #563074 }
```

Background

The CSS property to change the background color of an element to Hex 563074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563074 }
```

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

```
.background{ background-color:#563074 }
```

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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