

Converting Colors

Hex(563660)

Have a look what the booklet for
Hex(563660) contains.

Hex(563660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(563660)

Conversions

Conversions Part 1

Format	Color
Hex	563660
RGB	86, 54, 96
RGB Percent	34%, 21%, 38%
CMY	0.6627, 0.7882, 0.6235
CMYK	0.10, 0.44, 0.00, 0.62
HSL	286°, 28%, 29%
HSV	286°, 44%, 38%
XYZ	7.2682, 5.4613, 11.7374
YIQ	68.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

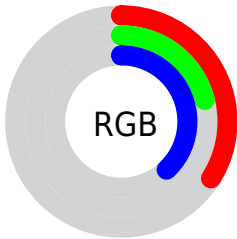
Format	Color
RYB	86, 54, 96
Decimal	5650016
CIELab	28.01, 22.53, -19.30
CIELCh	28, 29.666, 319.404
Yxy	5.4613, 0.2971, 0.2232
Android (android.graphics.Color)	4283840096 (0xFF563660)
YUV	68.3560, 13.6285, 15.4738
Hunter-Lab	23.3694, 14.6197, -13.4201

Details

The Hex color **563660** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406036**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **896693**, and **270A31** is the 20% darker color. If you saturate the color by 10%, you get **542C60**, and if you desaturate by 10%, it is **584060**.

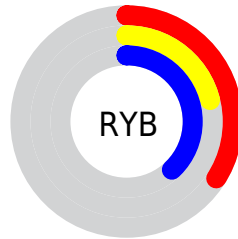
Distribution



Red (34%)

Green (21%)

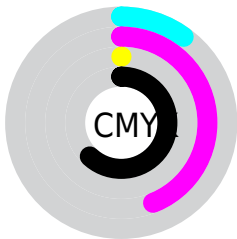
Blue (38%)



Red (34%)

Yellow (21%)

Blue (38%)

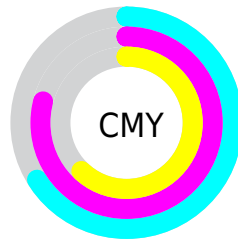


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (62%)



Cyan (66%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563660 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 563660 by changing the saturation by 10% instead.

■ 563660

■ 563660

FFFFFF

■ 3E2048

■ 896693

■ 270A31

■ A37FAD

■ 11001D

■ BF99C9

■ 000000

■ DBB4E5

■ F7D0FF

■ FFECFF

■ 563660

■ 563660

■ 542C60

■ 584060

■ 512360

■ 5B4960

■ 4F1960

■ 5D5360

■ 4D1060

■ 5F5C60

■ 4B0660

■ 616660

■ 490060

■ 647060

■ 667960

■ 688360

■ 6B8C60

Harmonies

Analogous

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



353F6D



563660



682F4B

Triad

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



563660



563E13



004D51

Complementary

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



563660



406036

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.



004D39



563660



404514

Square

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



563660



653520



254A23



004C64

Rectangle

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



563660



6C2E3C



254A23



004D49

Sweetspot

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



563660



796D7D



364160



3D3640



BFBFBF



404040

Same Dimension

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



563660



6D3B7D



603656



2F2C30



550070



B700F0

Inverse Universe

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



603640



7D3B4A



366041



302C2D



70001B



F00039

Previews

White Background



This preview shows how the Hex color 563660 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

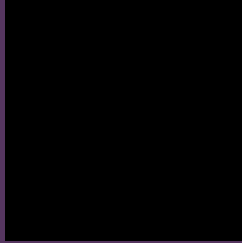
Any Text WCAG AA × Fail

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 563660 Background



This preview shows how black text looks on a background with the Hex color 563660.



This preview shows how white text looks on a background with the Hex color 563660.

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
563660

Protanopia
334169

Deuteranopia
39425E



Tritanopia
523D42

Trichromacy



Original Color
563660

Protanomaly
403D66

Deuteranomaly
443E5F

Tritanomaly
533A4D

Monochromacy



Original Color
563660

Achromatopsia
444444

Achromatomaly
4B3F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 563660 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 #563660 looks like.

```
.text, #text, p{  
    color:#563660  
}
```

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 #563660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563660
}
```

Border

The CSS property to change the border of an element to Hex 563660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

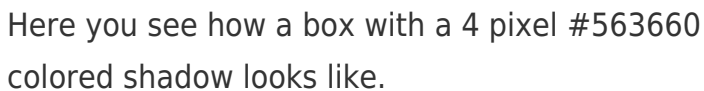
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563660 }
```

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

```
.border{ border-color:#563660 }
```

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



Here you see how a box with a 4 pixel #563660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563660; -webkit-box-shadow:4px 4px  
4px 4px #563660; box-shadow:4px 4px 4px  
4px #563660 }
```

Background

The CSS property to change the background color of an element to Hex 563660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563660 }
```

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

```
.background{ background-color:#563660 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor