

# Converting Colors

Hex(5A2460)

Have a look what the booklet for  
Hex(5A2460) contains.

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# Color

**Hex(5A2460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A2460
RGB	90, 36, 96
RGB Percent	35%, 14%, 38%
CMY	0.6471, 0.8588, 0.6235
CMYK	0.06, 0.63, 0.00, 0.62
HSL	294°, 45%, 26%
HSV	294°, 62%, 38%
XYZ	6.9586, 4.2799, 11.5257
YIQ	58.9860, 12.9240, 30.1080

# Conversions

## Conversions Part 2

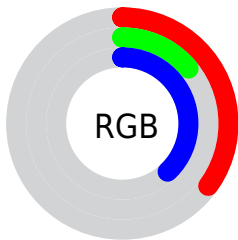
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 36, 96
Decimal	5907552
CIELab	24.58, 34.27, -24.65
CIELCh	25, 42.217, 324.275
Yxy	4.2799, 0.3057, 0.1880
Android (android.graphics.Color)	4284097632 (0xFF5A2460)
YUV	58.9860, 18.2479, 27.1993
Hunter-Lab	20.6880, 23.8364, -18.5500

# Details

The Hex color **5A2460** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A6024**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8E5493**, and **2A0031** is the 20% darker color. If you saturate the color by 10%, you get **591A60**, and if you desaturate by 10%, it is **5B2E60**.

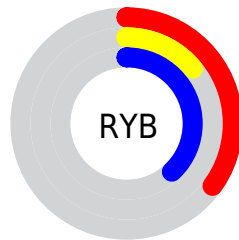
# Distribution



Red (35%)

Green (14%)

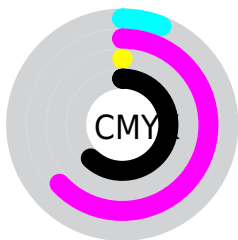
Blue (38%)



Red (35%)

Yellow (14%)

Blue (38%)

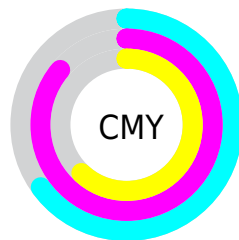


Cyan (6%)

Magenta (63%)

Yellow (0%)

Black (62%)



Cyan (65%)

Magenta (86%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A2460 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 5A2460 by changing the saturation by 10% instead.



 5A2460

 5A2460

FFFFFF

 410B48

 8E5493

 2A0031

 A96EAE

 0B001C

 C587C9

 000000

 E1A2E5

 FEBEFF

 FFD AFF

 FFF6FF

 5A2460

 5A2460

■ 591A60

■ 5B2E60

■ 581160

■ 5C3760

■ 570760

■ 5D4160

■ 560060

■ 5E4A60

■ 5F5460

■ 605E60

■ 616760

■ 627160

■ 637A60

# Harmonies

## Analogous

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



2A3575



5A2460



6F1542

# Triad

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



5A2460



4E3700



004854

# Complementary

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



5A2460



2A6024

# 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.



004833



5A2460



304000

# Square

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



5A2460



642902



004512



00466E

# Rectangle

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



5A2460



72152D



004512



004849



# Sweetspot

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



5A2460



7B657D



242A60



3E3140



BFBFBF



404040



# Same Dimension

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



5A2460



741F7D



602448



302C30



650070



D800F0



# Inverse Universe

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



60242A



7D1F29



24603C



302C2C



70000B

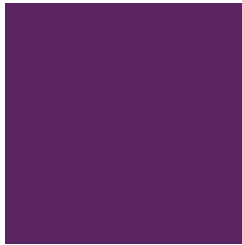


F00018



# Previews

## White Background



This preview shows how the Hex color 5A2460 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

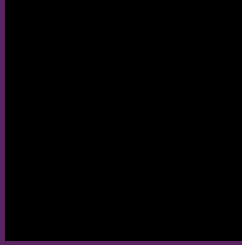
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A2460 Background



This preview shows how black text looks on a background with the Hex color 5A2460.




This preview shows how white text looks on a background with the Hex color 5A2460.

# 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**  
543134

# Trichromacy



**Original Color**  
5A2460

**Protanomaly**  
2F316D

**Deuteranomaly**  
3B335D

**Tritanomaly**  
562C44

# Monochromacy



**Original Color**  
5A2460

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
463348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A2460 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 #5A2460 looks like.

```
.text, #text, p{  
    color:#5A2460  
}
```

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 #5A2460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2460
}
```

## Border

The CSS property to change the border of an element to Hex 5A2460 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
#5A2460 }
```

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

```
.border{ border-color:#5A2460 }
```

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

Here you see how a box with a 4 pixel #5A2460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2460; -webkit-box-shadow:4px 4px  
4px 4px #5A2460; box-shadow:4px 4px 4px  
4px #5A2460 }
```

# Background

The CSS property to change the background color of an element to Hex 5A2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2460 }
```

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

```
.background{ background-color:#5A2460 }
```

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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