

Converting Colors

Hex(5A2360)

Have a look what the booklet for
Hex(5A2360) contains.

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Color

Hex(5A2360)

Conversions

Conversions Part 1

Format	Color
Hex	5A2360
RGB	90, 35, 96
RGB Percent	35%, 14%, 38%
CMY	0.6471, 0.8627, 0.6235
CMYK	0.06, 0.64, 0.00, 0.62
HSL	294°, 47%, 26%
HSV	294°, 64%, 38%
XYZ	6.9288, 4.2203, 11.5157
YIQ	58.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

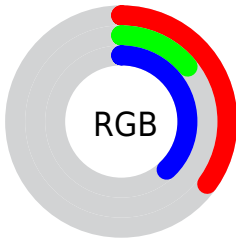
Format	Color
RYB	90, 35, 96
Decimal	5907296
CIELab	24.39, 34.79, -24.95
CIELCh	24, 42.812, 324.354
Yxy	4.2203, 0.3057, 0.1862
Android (android.graphics.Color)	4284097376 (0xFF5A2360)
YUV	58.3990, 18.5373, 27.7141
Hunter-Lab	20.5432, 24.2536, -18.8554




Details

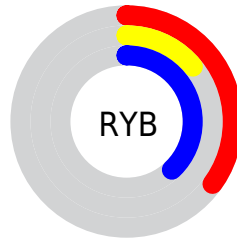
The Hex color **5A2360** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **296023**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **8E5393**, and **2A0031** is the 20% darker color. If you saturate the color by 10%, you get **591960**, and if you desaturate by 10%, it is **5B2D60**.

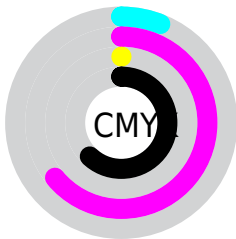
Distribution







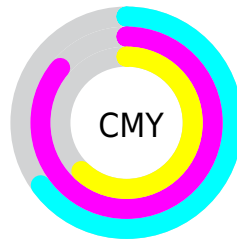
-  Red (35%)
-  Green (14%)
-  Blue (38%)






-  Red (35%)
-  Yellow (14%)
-  Blue (38%)



-  Cyan (6%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (65%)
-  Magenta (86%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2360 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 5A2360 by changing the saturation by 10% instead.

 5A2360

 5A2360

FFFFFF

 410948

 8E5393

 2A0031

 A96DAE

 0A001C

 C587C9

 000000

 E1A1E5

 FEBDFF

 FFD9FF

 FFF5FF

 5A2360

 5A2360

■ 591960

■ 5B2D60

■ 581060

■ 5C3660

■ 570660

■ 5D4060

■ 570060

■ 5E4960

■ 5F5360

■ 605D60

■ 616660

■ 627060

■ 627960

Harmonies

Analogous

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



293475



5A2360



6F1341

Triad

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



5A2360



4D3600



004854

Complementary

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



5A2360



296023

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



5A2360



2F4000

Square

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



5A2360



642800



004510



00466E

Rectangle

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



5A2360



72132C



004510



004849

Sweetspot

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



5A2360



7B657D



232960



3E3140



BFBFBF



404040

Same Dimension

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



5A2360



741E7D



602348



302C30



650070



D800F0

Inverse Universe

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



602329



7D1E27



23603B



302C2C



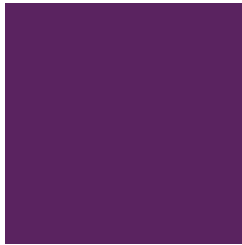
70000B



F00018

Previews

White Background



This preview shows how the Hex color 5A2360 looks on a white background.

Color Contrast Check

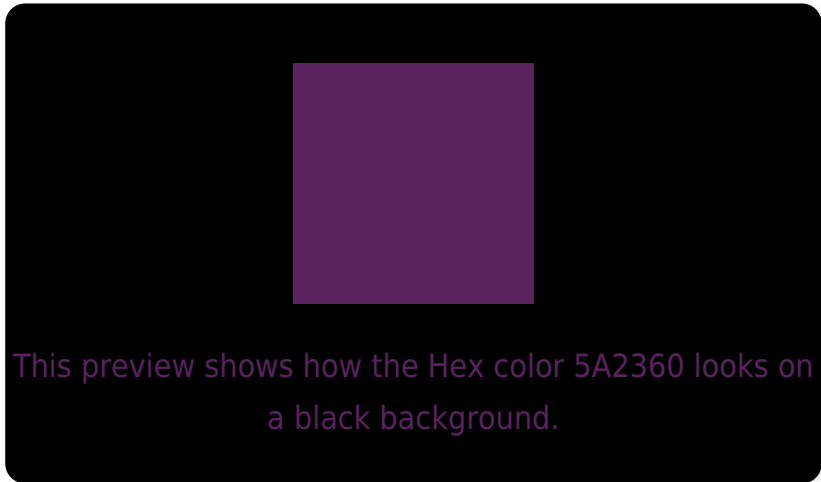
Large Text (above 18pt) WCAG AA ✓ Pass

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

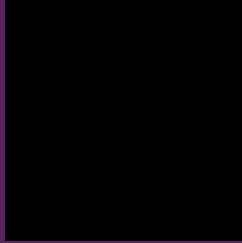
Any Text WCAG AA × Fail

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 5A2360 Background



This preview shows how black text looks on a background with the Hex color 5A2360.

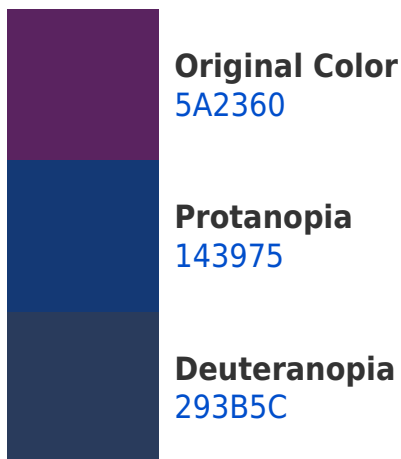



This preview shows how white text looks on a background with the Hex color 5A2360.

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
543034

Trichromacy



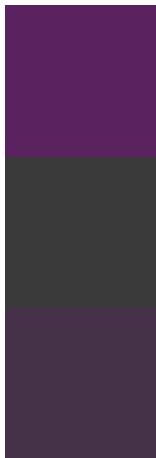
Original Color
5A2360

Protanomaly
2D316D

Deuteranomaly
3B325D

Tritanomaly
562B44

Monochromacy



Original Color
5A2360

Achromatopsia
3A3A3A

Achromatomaly
463248

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2360 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 #5A2360 looks like.

```
.text, #text, p{  
    color:#5A2360  
}
```

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 #5A2360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2360
}
```

Border

The CSS property to change the border of an element to Hex 5A2360 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
#5A2360 }
```

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

```
.border{ border-color:#5A2360 }
```

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

Here you see how a box with a 4 pixel #5A2360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2360; -webkit-box-shadow:4px 4px  
4px 4px #5A2360; box-shadow:4px 4px 4px  
4px #5A2360 }
```

Background

The CSS property to change the background color of an element to Hex 5A2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2360 }
```

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

```
.background{ background-color:#5A2360 }
```

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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