

Converting Colors

Hex(5C2864)

Have a look what the booklet for
Hex(5C2864) contains.

Hex(5C2864)	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(5C2864)

Conversions

Conversions Part 1

Format	Color
Hex	5C2864
RGB	92, 40, 100
RGB Percent	36%, 16%, 39%
CMY	0.6392, 0.8431, 0.6078
CMYK	0.08, 0.60, 0.00, 0.61
HSL	292°, 43%, 27%
HSV	292°, 60%, 39%
XYZ	7.4727, 4.7130, 12.5724
YIQ	62.3880, 11.7320, 29.6840

Conversions

Conversions Part 2

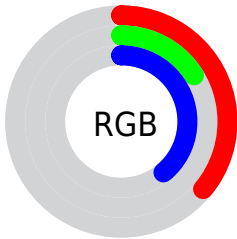
Format	Color
R_{YB}	92, 40, 100
Decimal	6039652
CIE _{Lab}	25.90, 33.59, -25.15
CIE _{LCh}	26, 41.961, 323.180
Yxy	4.7130, 0.3018, 0.1904
Android (android.graphics.Color)	4284229732 (0xFF5C2864)
YUV	62.3880, 18.5427, 25.9697
Hunter-Lab	21.7094, 23.4506, -19.1396

Details

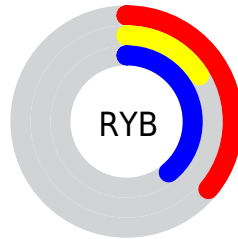
The Hex color **5C2864** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306428**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **905897**, and **2C0035** is the 20% darker color. If you saturate the color by 10%, you get **5B1E64**, and if you desaturate by 10%, it is **5D3264**.

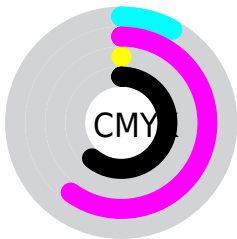
Distribution



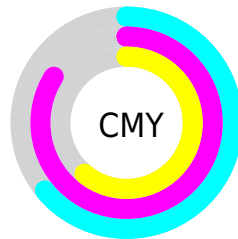
- Red (36%)
- Green (16%)
- Blue (39%)



- Red (36%)
- Yellow (16%)
- Blue (39%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (61%)



- Cyan (64%)
- Magenta (84%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2864 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 5C2864 by changing the saturation by 10% instead.

■ 5C2864

■ 5C2864

FFFFFF

■ 43104C

■ 905897

■ 2C0035

■ AB72B2

■ 12001F

■ C78CCE

■ 000002

■ E3A6EA

■ 000000

■ FFC2FF

■ FFDEFF

■ FFFBFF

■ 5C2864

■ 5C2864

■ 5B1E64

■ 5D3264

■ 591464

■ 5F3C64

■ 580A64

■ 604664

■ 570064

■ 615064

■ 635A64

■ 646464

■ 656E64

■ 677864

■ 688264

Harmonies

Analogous

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



2B3878



5C2864



721A46

Triad

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



5C2864



523900



004B56

Complementary

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



5C2864



306428

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.



004B35



5C2864



344300

Square

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



5C2864



682B07



004814



004970

Rectangle

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



5C2864



751931



004814



004C4B

Sweetspot

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



5C2864



7F6B82



283064



403442



C2C2C2



424242

Same Dimension

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



5C2864



762482



64284E



322E33



630073



D200F2

Inverse Universe

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



642830



822431



28643E



332E2F



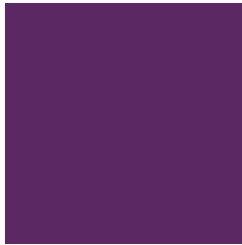
73000F



F20020

Previews

White Background



This preview shows how the Hex color 5C2864 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

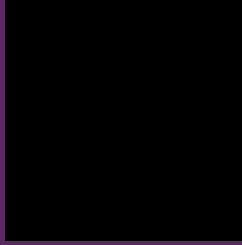
Any Text WCAG AA × Fail

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 5C2864 Background



This preview shows how black text looks on a background with the Hex color 5C2864.

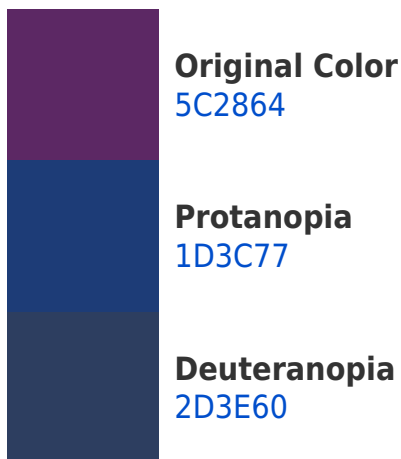



This preview shows how white text looks on a background with the Hex color 5C2864.

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
563438

Trichromacy



Original Color
5C2864

Protanomaly
343570

Deuteranomaly
3E3661

Tritanomaly
583048

Monochromacy



Original Color
5C2864

Achromatopsia
3E3E3E

Achromatomaly
49364C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2864 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 #5C2864 looks like.

```
.text, #text, p{  
    color:#5C2864  
}
```

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 #5C2864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2864
}
```

Border

The CSS property to change the border of an element to Hex 5C2864 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
#5C2864 }
```

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

```
.border{ border-color:#5C2864 }
```

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

Here you see how a box with a 4 pixel #5C2864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2864; -webkit-box-shadow:4px 4px  
4px 4px #5C2864; box-shadow:4px 4px 4px  
4px #5C2864 }
```

Background

The CSS property to change the background color of an element to Hex 5C2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2864 }
```

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

```
.background{ background-color:#5C2864 }
```

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