

Converting Colors

Hex(5D2982)

Have a look what the booklet for
Hex(5D2982) contains.

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Color

Hex(5D2982)

Conversions

Conversions Part 1

Format	Color
Hex	5D2982
RGB	93, 41, 130
RGB Percent	36%, 16%, 51%
CMY	0.6353, 0.8392, 0.4902
CMYK	0.28, 0.68, 0.00, 0.49
HSL	275°, 52%, 34%
HSV	275°, 68%, 51%
XYZ	9.3364, 5.5247, 21.6934
YIQ	66.6940, 2.4230, 38.7030

Conversions

Conversions Part 2

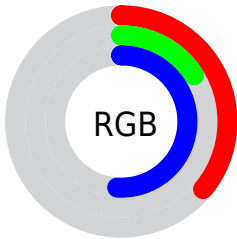
Format	Color
R_{YB}	93, 41, 130
Decimal	6105474
CIE _{Lab}	28.18, 40.27, -40.64
CIE _{LCh}	28, 57.211, 314.738
Yxy	5.5247, 0.2554, 0.1511
Android (android.graphics.Color)	4284295554 (0xFF5D2982)
YUV	66.6940, 31.2099, 23.0704
Hunter-Lab	23.5048, 29.7692, -38.2675

Details

The Hex color **5D2982** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E8229**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **925AB8**, and **290050** is the 20% darker color. If you saturate the color by 10%, you get **581C82**, and if you desaturate by 10%, it is **623682**.

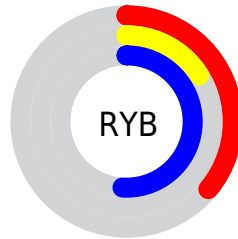
Distribution



Red (36%)

Green (16%)

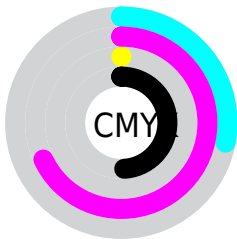
Blue (51%)



Red (36%)

Yellow (16%)

Blue (51%)

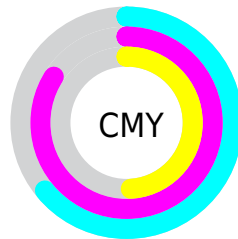


Cyan (28%)

Magenta (68%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (84%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2982 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 5D2982 by changing the saturation by 10% instead.

 5D2982

 5D2982

FFFFFF

 430F68

 925AB8

 290050

 AE74D4

 140038

 CA8EF0

 000222

 E7A9FF

 000007

 FFC5FF

 000000

 FFE1FF

 FFFEFF

 5D2982

 5D2982

■ 581C82

■ 623682

■ 520F82

■ 684382

■ 4D0282

■ 6D5082

■ 4C0082

■ 735D82

■ 786A82

■ 7D7782

■ 838482

■ 889182

■ 8E9E82

Harmonies

Analogous

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



004199



5D2982



83005B

Triad

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



5D2982



653800



005458

Complementary

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



5D2982



4E8229

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.



005329



5D2982



3F4700

Square

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



5D2982



801E00



004F00



005480

Rectangle

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



5D2982



8C003E



004F00



005449

Sweetspot

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



5D2982



9A85A8



294E82



4B3F54



D4D4D4



545454

Same Dimension

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



5D2982



6F1EA8



82297B



3D3940



4A0080



000000

Inverse Universe

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



82294E



A81E58



298230



40393C



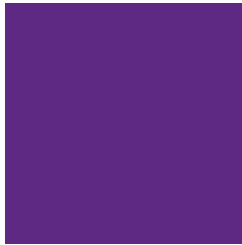
800035



000000

Previews

White Background



This preview shows how the Hex color 5D2982 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

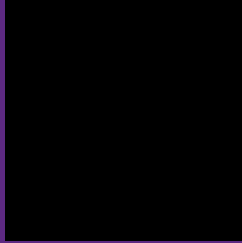
Any Text WCAG AA × Fail

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 5D2982 Background



This preview shows how black text looks on a background with the Hex color 5D2982.

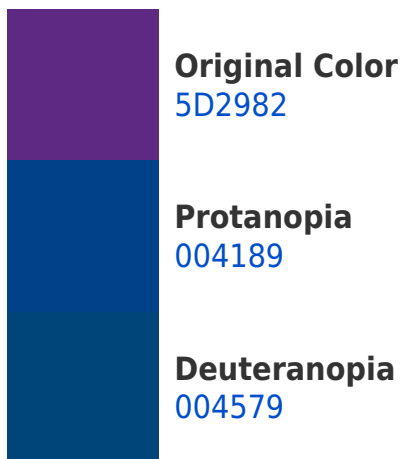


This preview shows how white text looks on a background with the Hex color 5D2982.

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
523E42

Trichromacy



Original Color
5D2982

Protanomaly
223886

Deuteranomaly
223B7C

Tritanomaly
563659

Monochromacy



Original Color
5D2982

Achromatopsia
434343

Achromatomaly
4C3A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2982 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 #5D2982 looks like.

```
.text, #text, p{  
    color:#5D2982  
}
```

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 #5D2982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2982
}
```

Border

The CSS property to change the border of an element to Hex 5D2982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

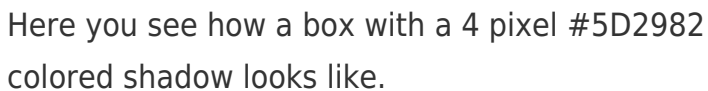
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2982 }
```

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

```
.border{ border-color:#5D2982 }
```

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



Here you see how a box with a 4 pixel #5D2982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2982; -webkit-box-shadow:4px 4px  
4px 4px #5D2982; box-shadow:4px 4px 4px  
4px #5D2982 }
```

Background

The CSS property to change the background color of an element to Hex 5D2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2982 }
```

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

```
.background{ background-color:#5D2982 }
```

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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