

Converting Colors

Hex(5C28A4)

Have a look what the booklet for
Hex(5C28A4) contains.

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Color

Hex(5C28A4)

Conversions

Conversions Part 1

Format	Color
Hex	5C28A4
RGB	92, 40, 164
RGB Percent	36%, 16%, 64%
CMY	0.6392, 0.8431, 0.3569
CMYK	0.44, 0.76, 0.00, 0.36
HSL	265°, 61%, 40%
HSV	265°, 76%, 64%
XYZ	11.8733, 6.4732, 35.7456
YIQ	69.6840, -8.8120, 49.5880

Conversions

Conversions Part 2

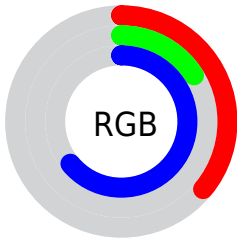
Format	Color
RYB	92, 40, 164
Decimal	6039716
CIELab	30.58, 49.19, -57.67
CIELCh	31, 75.794, 310.463
Yxy	6.4732, 0.2195, 0.1197
Android (android.graphics.Color)	4284229796 (0xFF5C28A4)
YUV	69.6840, 46.4978, 19.5711
Hunter-Lab	25.4425, 38.7761, -65.4900

Details

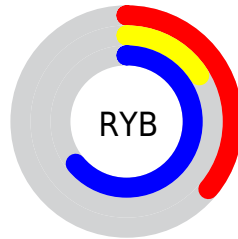
The Hex color **5C28A4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **70A428**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **945BDC**, and **20006F** is the 20% darker color. If you saturate the color by 10%, you get **5218A4**, and if you desaturate by 10%, it is **6638A4**.

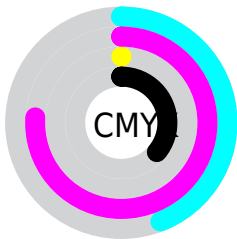
Distribution



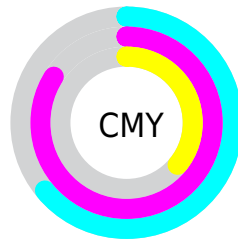
- Red (36%)
- Green (16%)
- Blue (64%)



- Red (36%)
- Yellow (16%)
- Blue (64%)



- Cyan (44%)
- Magenta (76%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C28A4 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 5C28A4 by changing the saturation by 10% instead.

5C28A4

5C28A4

FFFFFF

3F0C89

945BDC

20006F

B175F9

000056

CE8FFF

00003D

EBAAFF

000327

FFC6FF

000110

FFE3FF

000000

5C28A4

5C28A4

5218A4

6638A4

4907A4

6F49A4

4500A4

7959A4

826AA4

8C7AA4

958AA4

9F9BA4

A8ABA4

B2BCA4

Harmonies

Analogous

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



004BC0



5C28A4



990071

Triad

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



5C28A4



773600



005E5C

Complementary

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



5C28A4



70A428

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.



005C1C



5C28A4



464D00

Square

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



5C28A4



9A0000



005700



005E95

Rectangle

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



5C28A4



A7004A



005700



005D47

Sweetspot

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



5C28A4



BAA5D6



2870A4



5A4D6B



EBEBEB



6B6B6B

Same Dimension

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



5C28A4



6513D6



9A28A4



4D4952



3D0091



070012

Inverse Universe

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



A42870



D61384



32A428



52494E



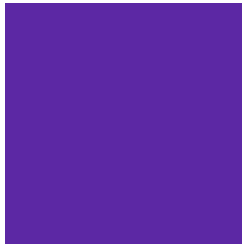
910054



12000A

Previews

White Background



This preview shows how the Hex color 5C28A4 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

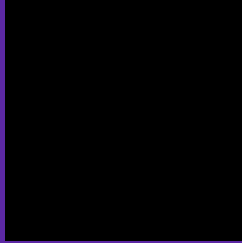
Any Text WCAG AA × Fail

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 5C28A4 Background



This preview shows how black text looks on a background with the Hex color 5C28A4.



This preview shows how white text looks on a background with the Hex color 5C28A4.

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
5C28A4

Protanopia
004694

Deuteranopia
004A7F



Tritanopia
47484E

Trichromacy



Original Color
5C28A4



Protanomaly
213B9A



Deuteranomaly
213E8C



Tritanomaly
4F3C6D

Monochromacy



Original Color
5C28A4



Achromatopsia
464646



Achromatomaly
4E3B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C28A4 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 #5C28A4 looks like.

```
.text, #text, p{  
    color:#5C28A4  
}
```

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 #5C28A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C28A4
}
```

Border

The CSS property to change the border of an element to Hex 5C28A4 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
#5C28A4 }
```

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

```
.border{ border-color:#5C28A4 }
```

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

Here you see how a box with a 4 pixel #5C28A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C28A4; -webkit-box-shadow:4px 4px  
4px 4px #5C28A4; box-shadow:4px 4px 4px  
4px #5C28A4 }
```

Background

The CSS property to change the background color of an element to Hex 5C28A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C28A4 }
```

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

```
.background{ background-color:#5C28A4 }
```

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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