

Converting Colors

Hex(5E28A4)

Have a look what the booklet for
Hex(5E28A4) contains.

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Color

Hex(5E28A4)

Conversions

Conversions Part 1

Format	Color
Hex	5E28A4
RGB	94, 40, 164
RGB Percent	37%, 16%, 64%
CMY	0.6314, 0.8431, 0.3569
CMYK	0.43, 0.76, 0.00, 0.36
HSL	266°, 61%, 40%
HSV	266°, 76%, 64%
XYZ	12.0757, 6.5776, 35.7551
YIQ	70.2820, -7.6200, 50.0120

Conversions

Conversions Part 2

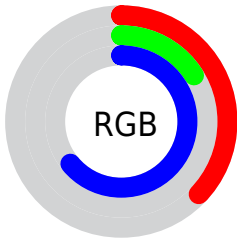
Format	Color
RYB	94, 40, 164
Decimal	6170788
CIELab	30.83, 49.53, -57.25
CIElCh	31, 75.698, 310.863
Yxy	6.5776, 0.2219, 0.1209
Android (android.graphics.Color)	4284360868 (0xFF5E28A4)
YUV	70.2820, 46.2030, 20.8007
Hunter-Lab	25.6468, 39.1641, -64.7054

Details

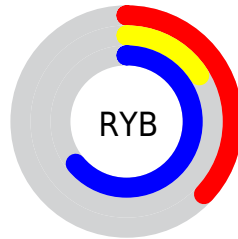
The Hex color **5E28A4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6EA428**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **965BDC**, and **23006F** is the 20% darker color. If you saturate the color by 10%, you get **5518A4**, and if you desaturate by 10%, it is **6738A4**.

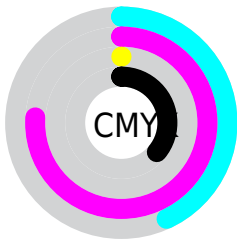
Distribution



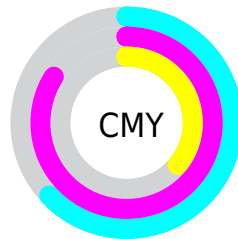
- Red (37%)
- Green (16%)
- Blue (64%)



- Red (37%)
- Yellow (16%)
- Blue (64%)



- Cyan (43%)
- Magenta (76%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E28A4 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 5E28A4 by changing the saturation by 10% instead.



5E28A4



5E28A4

FFFFFF



420B89



965BDC



23006F



B375F9



000056



D08FFF



00003E



EDABFF



000327



FFC6FF



000110



FFE3FF



000000



5E28A4



5E28A4



5518A4



6738A4

■ 4B07A4

■ 7149A4

■ 4700A4

■ 7A59A4

■ 836AA4

■ 8C7AA4

■ 968AA4

■ 9F9BA4

■ A8ABA4

■ B1BCA4

Harmonies

Analogous

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



004BC0



5E28A4



9A0071

Triad

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



5E28A4



773700



005E5E

Complementary

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



5E28A4



6EA428

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.



005C1E



5E28A4



464D00

Square

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



5E28A4



9B0000



005800



005F96

Rectangle

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



5E28A4



A8004A



005800



005E49

Sweetspot

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



5E28A4



BAA5D6



286EA4



5A4D6B



EBEBEB



6B6B6B

Same Dimension

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



5E28A4



6813D6



9C28A4



4D4952



3F0091



080012

Inverse Universe

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



A4286E



D61381



30A428



52494E



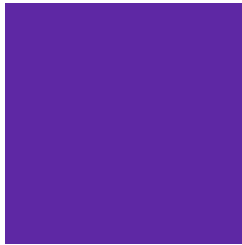
910052



12000A

Previews

White Background



This preview shows how the Hex color 5E28A4 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

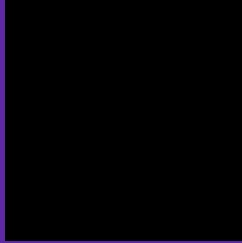
Any Text WCAG AA × Fail

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 5E28A4 Background



This preview shows how black text looks on a background with the Hex color 5E28A4.

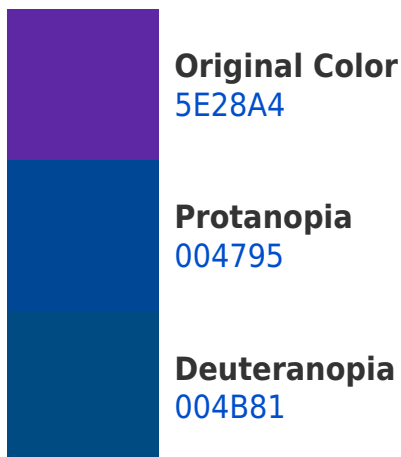


This preview shows how white text looks on a background with the Hex color 5E28A4.

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](#).

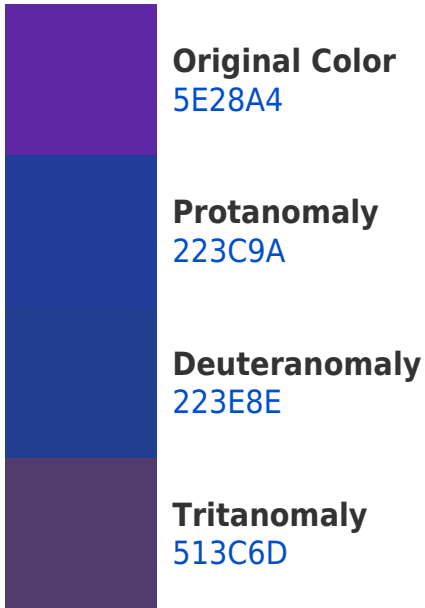
Dichromacy



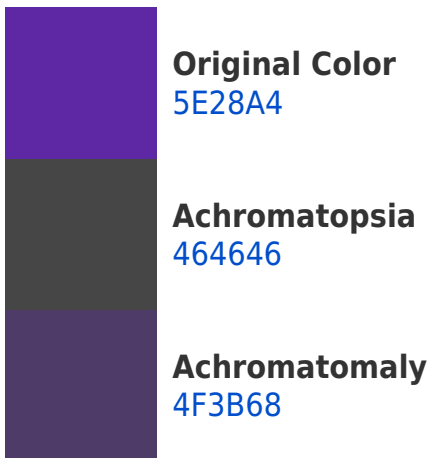


Tritanopia
4A484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E28A4 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 #5E28A4 looks like.

```
.text, #text, p{  
    color:#5E28A4  
}
```

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 #5E28A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E28A4
}
```

Border

The CSS property to change the border of an element to Hex 5E28A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

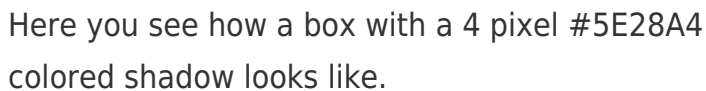
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E28A4 }
```

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

```
.border{ border-color:#5E28A4 }
```

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



Here you see how a box with a 4 pixel #5E28A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E28A4; -webkit-box-shadow:4px 4px  
4px 4px #5E28A4; box-shadow:4px 4px 4px  
4px #5E28A4 }
```

Background

The CSS property to change the background color of an element to Hex 5E28A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E28A4 }
```

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

```
.background{ background-color:#5E28A4 }
```

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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