

Converting Colors

Hex(572AA5)

Have a look what the booklet for
Hex(572AA5) contains.

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Color

Hex(572AA5)

Conversions

Conversions Part 1

Format	Color
Hex	572AA5
RGB	87, 42, 165
RGB Percent	34%, 16%, 65%
CMY	0.6588, 0.8353, 0.3529
CMYK	0.47, 0.75, 0.00, 0.35
HSL	262°, 59%, 41%
HSV	262°, 75%, 65%
XYZ	11.5500, 6.3988, 36.2236
YIQ	69.4770, -12.6630, 47.7930

Conversions

Conversions Part 2

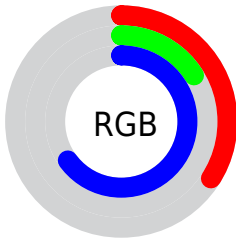
Format	Color
R_{YB}	87, 42, 165
Decimal	5712549
CIE _{Lab}	30.40, 47.67, -58.59
CIE _{LCh}	30, 75.531, 309.134
Yxy	6.3988, 0.2132, 0.1181
Android (android.graphics.Color)	4283902629 (0xFF572AA5)
YUV	69.4770, 47.0928, 15.3677
Hunter-Lab	25.2958, 37.2348, -67.1963

Details

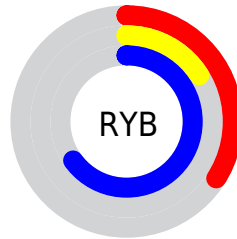
The Hex color **572AA5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **78A52A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **905CDD**, and **180070** is the 20% darker color. If you saturate the color by 10%, you get **4D19A5**, and if you desaturate by 10%, it is **613AA5**.

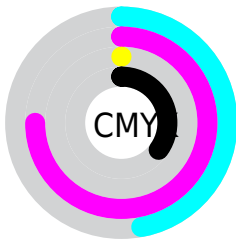
Distribution



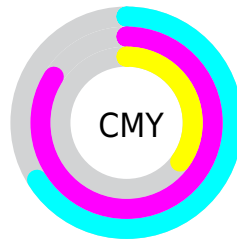
- Red (34%)
- Green (16%)
- Blue (65%)



- Red (34%)
- Yellow (16%)
- Blue (65%)



- Cyan (47%)
- Magenta (75%)
- Yellow (0%)
- Black (35%)



- Cyan (66%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 572AA5 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 572AA5 by changing the saturation by 10% instead.

■ 572AA5

■ 572AA5

FFFFFF

■ 3A108A

■ 905CDD

■ 180070

■ AC76FA

■ 000057

■ C990FF

■ 00013E

■ E7ABFF

■ 000327

■ FFC7FF

■ 000111

■ FFE3FF

■ 000000

■ 572AA5

■ 572AA5

■ 4D19A5

■ 613AA5

■ 4209A5

■ 6C4BA5

■ 3C00A5

■ 765BA5

■ 816CA5

■ 8B7CA5

■ 968DA5

■ A09DA5

■ ABAEA5

■ B5BEA5

Harmonies

Analogous

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



004BBF



572AA5



960073

Triad

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



572AA5



783400



005D59

Complementary

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



572AA5



78A52A

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.



005B18



572AA5



484B00

Square

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



572AA5



9B0000



005600



005E92

Rectangle

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



572AA5



A6004C



005600



005D44

Sweetspot

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



572AA5



B8A7D6



2A7AA5



594F6B



EBEBEB



6B6B6B

Same Dimension

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



572AA5



5D18D6



932AA5



4C4952



350091



070012

Inverse Universe

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



A52A78



D61890



3CA52A



52494F



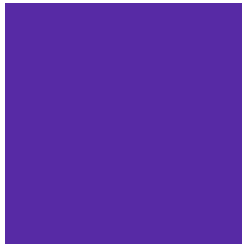
91005C



12000B

Previews

White Background



This preview shows how the Hex color 572AA5 looks on a white background.

Color Contrast Check

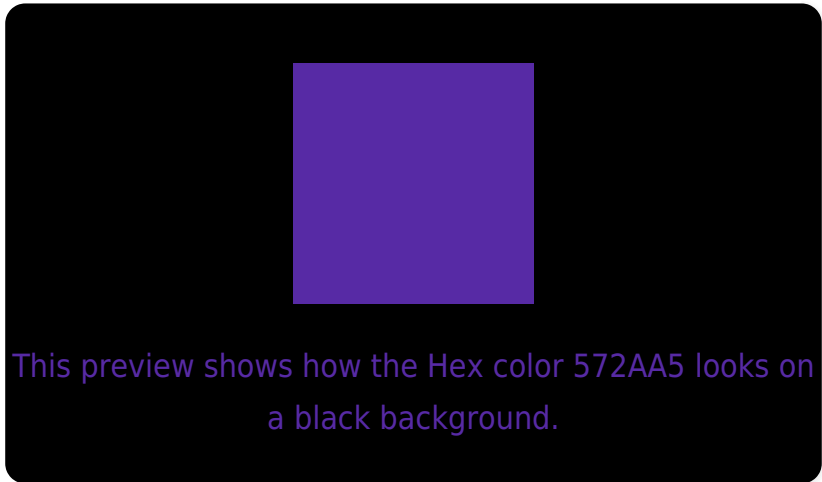
Large Text (above 18pt) WCAG AA ✓ Pass

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

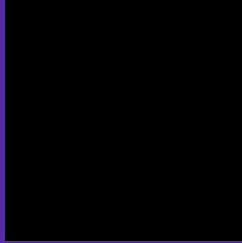
Any Text WCAG AA × Fail

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 572AA5 Background



This preview shows how black text looks on a background with the Hex color 572AA5.



This preview shows how white text looks on a background with the Hex color 572AA5.

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](#).

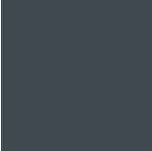
Dichromacy



Original Color
572AA5

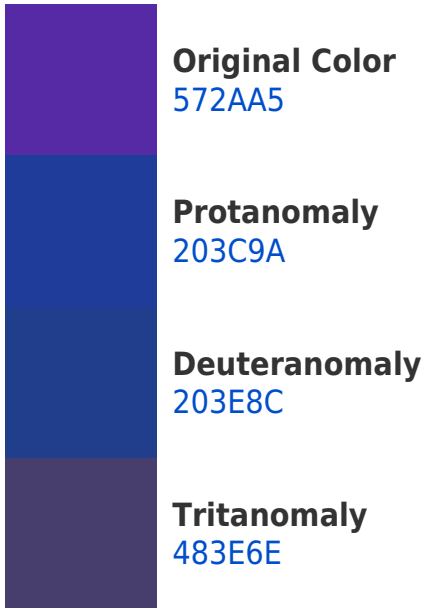
Protanopia
004693

Deuteranopia
004A7E

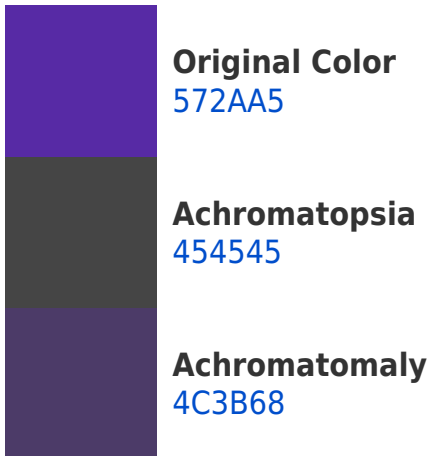


Tritanopia
40494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 572AA5 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 #572AA5 looks like.

```
.text, #text, p{  
    color:#572AA5  
}
```

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 #572AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572AA5
}
```

Border

The CSS property to change the border of an element to Hex 572AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

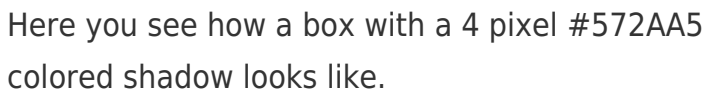
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#572AA5 }
```

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

```
.border{ border-color:#572AA5 }
```

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



Here you see how a box with a 4 pixel #572AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572AA5; -webkit-box-shadow:4px 4px  
4px 4px #572AA5; box-shadow:4px 4px 4px  
4px #572AA5 }
```

Background

The CSS property to change the background color of an element to Hex 572AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572AA5 }
```

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

```
.background{ background-color:#572AA5 }
```

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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