

Converting Colors

Hex(562F9F)

Have a look what the booklet for
Hex(562F9F) contains.

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Color

Hex(562F9F)

Conversions

Conversions Part 1

Format	Color
Hex	562F9F
RGB	86, 47, 159
RGB Percent	34%, 18%, 62%
CMY	0.6627, 0.8157, 0.3765
CMYK	0.46, 0.70, 0.00, 0.38
HSL	261°, 54%, 40%
HSV	261°, 70%, 62%
XYZ	11.1123, 6.5147, 33.4727
YIQ	71.4290, -12.7080, 43.1000

Conversions

Conversions Part 2

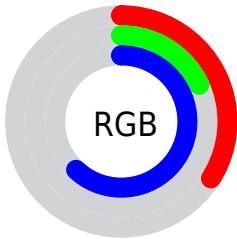
Format	Color
R_{YB}	86, 47, 159
Decimal	5648287
CIE _{Lab}	30.68, 43.30, -54.51
CIE _{LCh}	31, 69.613, 308.464
Yxy	6.5147, 0.2175, 0.1275
Android (android.graphics.Color)	4283838367 (0xFF562F9F)
YUV	71.4290, 43.1725, 12.7788
Hunter-Lab	25.5238, 33.0465, -59.8878

Details

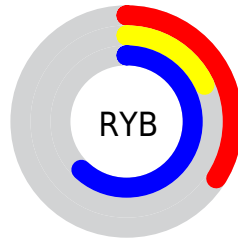
The Hex color **562F9F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **789F2F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8E60D7**, and **1A006A** is the 20% darker color. If you saturate the color by 10%, you get **4C1F9F**, and if you desaturate by 10%, it is **603F9F**.

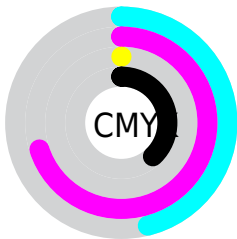
Distribution



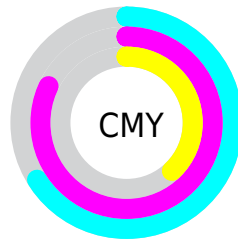
- Red (34%)
- Green (18%)
- Blue (62%)



- Red (34%)
- Yellow (18%)
- Blue (62%)



- Cyan (46%)
- Magenta (70%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562F9F 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 562F9F by changing the saturation by 10% instead.

■ 562F9F

■ 562F9F

FFFFFF

■ 3A1784

■ 8E60D7

■ 1A006A

■ AA7AF3

■ 000052

■ C794FF

■ 000339

■ E4AFFF

■ 000223

■ FFCBFF

■ 00000A

■ FFE7FF

■ 000000

■ 562F9F

■ 562F9F

■ 4C1F9F

■ 603F9F

410F9F

6B4F9F

37009F

755F9F

7F6F9F

8A7F9F

948E9F

9F9E9F

A9AE9F

B3BE9F

Harmonies

Analogous

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



004CB6



562F9F



910071

Triad

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



562F9F



783600



005D57

Complementary

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



562F9F



789F2F

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.



005B1C



562F9F



4C4B00

Square

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



562F9F



970003



005600



005D8C

Rectangle

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



562F9F



A0004E



005600



005C44

Sweetspot

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



562F9F



B2A3CF



2F7A9F



584E69



E8E8E8



696969

Same Dimension

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



562F9F



5C1FCF



8C2F9F



4A474F



32008F



05000F

Inverse Universe

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



9F2F78



CF1F91



429F2F



4F474C



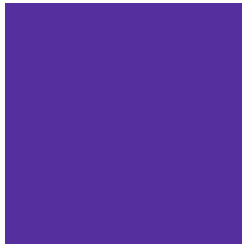
8F005D



0F000A

Previews

White Background



This preview shows how the Hex color 562F9F looks on a white background.

Color Contrast Check

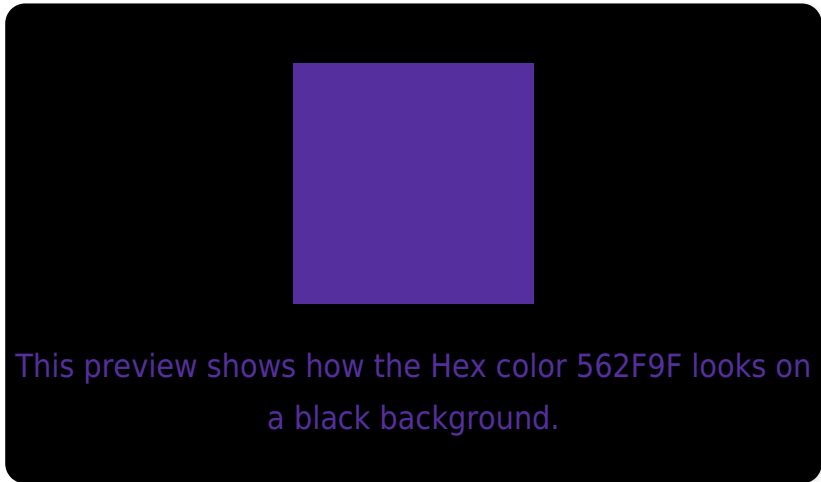
Large Text (above 18pt) WCAG AA ✓ Pass

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

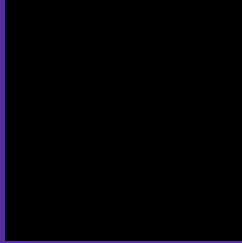
Any Text WCAG AA × Fail

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 562F9F Background



This preview shows how black text looks on a background with the Hex color 562F9F.

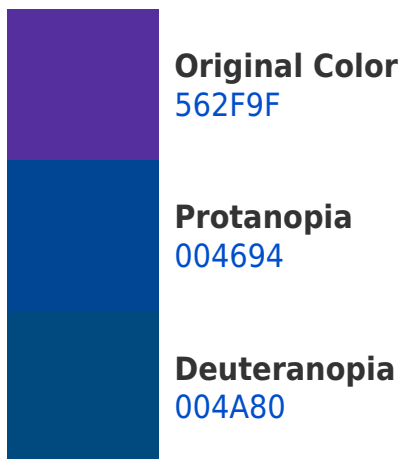


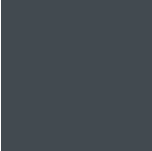
This preview shows how white text looks on a background with the Hex color 562F9F.

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
424A50

Trichromacy



Original Color
562F9F

Protanomaly
1F3E98

Deuteranomaly
1F408B

Tritanomaly
49406D

Monochromacy



Original Color
562F9F

Achromatopsia
474747

Achromatomaly
4C3E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 562F9F 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 #562F9F looks like.

```
.text, #text, p{  
    color:#562F9F  
}
```

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 #562F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562F9F
}
```

Border

The CSS property to change the border of an element to Hex 562F9F 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".

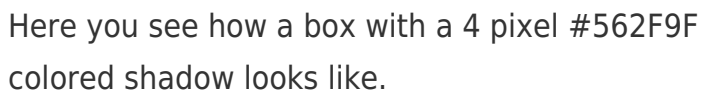
```
.border, #border, table{ border:4px solid
#562F9F }
```

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

```
.border{ border-color:#562F9F }
```

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

Here you see how a box with a 4 pixel #562F9F colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #562F9F color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562F9F; -webkit-box-shadow:4px 4px  
4px 4px #562F9F; box-shadow:4px 4px 4px  
4px #562F9F }
```

Background

The CSS property to change the background color of an element to Hex 562F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562F9F }
```

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

```
.background{ background-color:#562F9F }
```

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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