

Converting Colors

Hex(562FA2)

Have a look what the booklet for
Hex(562FA2) contains.

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Color

Hex(562FA2)

Conversions

Conversions Part 1

Format	Color
Hex	562FA2
RGB	86, 47, 162
RGB Percent	34%, 18%, 64%
CMY	0.6627, 0.8157, 0.3647
CMYK	0.47, 0.71, 0.00, 0.36
HSL	260°, 55%, 41%
HSV	260°, 71%, 64%
XYZ	11.3759, 6.6201, 34.8607
YIQ	71.7710, -13.6710, 44.0330

Conversions

Conversions Part 2

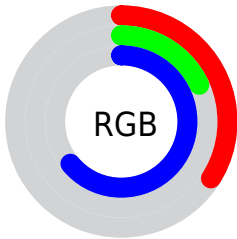
Format	Color
R_{YB}	86, 47, 162
Decimal	5648290
CIE _{Lab}	30.93, 44.14, -55.91
CIE _{LCh}	31, 71.237, 308.288
Yxy	6.6201, 0.2152, 0.1252
Android (android.graphics.Color)	4283838370 (0xFF562FA2)
YUV	71.7710, 44.4829, 12.4788
Hunter-Lab	25.7296, 33.8938, -62.3206

Details

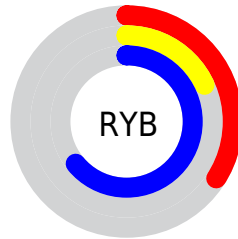
The Hex color **562FA2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7BA22F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8E60DA**, and **18006D** is the 20% darker color. If you saturate the color by 10%, you get **4B1FA2**, and if you desaturate by 10%, it is **613FA2**.

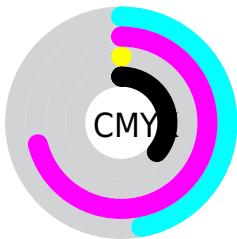
Distribution



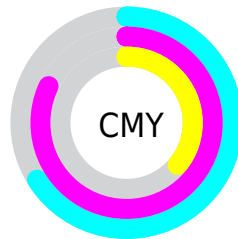
- Red (34%)
- Green (18%)
- Blue (64%)



- Red (34%)
- Yellow (18%)
- Blue (64%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (82%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562FA2 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 562FA2 by changing the saturation by 10% instead.

■ 562FA2

■ 562FA2

FFFFFF

■ 391687

■ 8E60DA

■ 18006D

■ AA7AF7

■ 000054

■ C794FF

■ 00023C

■ E4AFFF

■ 000225

■ FFCBFF

■ 00010E

■ FFE8FF

■ 000000

■ 562FA2

■ 562FA2

■ 4B1FA2

■ 613FA2

■ 410FA2

■ 6B4FA2

■ 3700A2

■ 7660A2

■ 8170A2

■ 8C80A2

■ 9690A2

■ A1A0A2

■ ACB1A2

■ B6C1A2

Harmonies

Analogous

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



004CBA



562FA2



930073

Triad

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



562FA2



793500



005E58

Complementary

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



562FA2



7BA22F

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.



005C1B



562FA2



4C4C00

Square

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



562FA2



990002



005700



005E8E

Rectangle

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



562FA2



A2004F



005700



005D44

Sweetspot

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



562FA2



B6A7D4



2F7CA2



59506B



EBEBEB



6B6B6B

Same Dimension

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



562FA2



5D20D4



8F2FA2



4C4952



310091



060012

Inverse Universe

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



A22F7B



D42097



42A22F



52494F



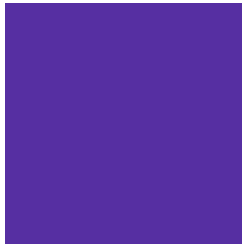
910060



12000C

Previews

White Background



This preview shows how the Hex color 562FA2 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

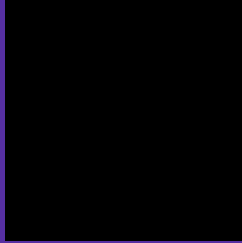
Any Text WCAG AA × Fail

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 562FA2 Background



This preview shows how black text looks on a background with the Hex color 562FA2.



This preview shows how white text looks on a background with the Hex color 562FA2.

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
562FA2

Protanopia
004795

Deuteranopia
004B81



Tritanopia
404B51

Trichromacy



Original Color
562FA2



Protanomaly
1F3E9A



Deuteranomaly
1F418D



Tritanomaly
48416E

Monochromacy



Original Color
562FA2



Achromatopsia
484848



Achromatomaly
4D3F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 562FA2 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 #562FA2 looks like.

```
.text, #text, p{  
    color:#562FA2  
}
```

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 #562FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562FA2
}
```

Border

The CSS property to change the border of an element to Hex 562FA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

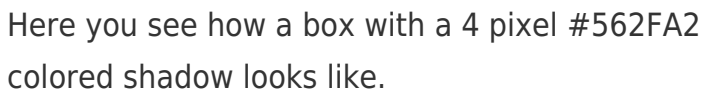
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#562FA2 }
```

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

```
.border{ border-color:#562FA2 }
```

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



Here you see how a box with a 4 pixel #562FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562FA2; -webkit-box-shadow:4px 4px  
4px 4px #562FA2; box-shadow:4px 4px 4px  
4px #562FA2 }
```

Background

The CSS property to change the background color of an element to Hex 562FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562FA2 }
```

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

```
.background{ background-color:#562FA2 }
```

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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