

Converting Colors

Hex(53289A)

Have a look what the booklet for
Hex(53289A) contains.

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Color

Hex(53289A)

Conversions

Conversions Part 1

Format	Color
Hex	53289A
RGB	83, 40, 154
RGB Percent	33%, 16%, 60%
CMY	0.6745, 0.8431, 0.3961
CMYK	0.46, 0.74, 0.00, 0.40
HSL	263°, 59%, 38%
HSV	263°, 74%, 60%
XYZ	10.1588, 5.6897, 31.1346
YIQ	65.8530, -10.9660, 44.5700

Conversions

Conversions Part 2

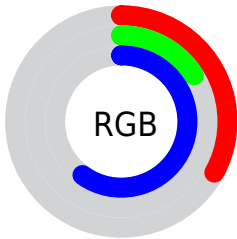
Format	Color
R_{YB}	83, 40, 154
Decimal	5449882
CIE _{Lab}	28.62, 44.98, -54.84
CIE _{LCh}	29, 70.924, 309.357
Yxy	5.6897, 0.2162, 0.1211
Android (android.graphics.Color)	4283639962 (0xFF53289A)
YUV	65.8530, 43.4565, 15.0379
Hunter-Lab	23.8530, 34.2788, -60.6923

Details

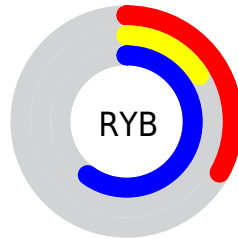
The Hex color **53289A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6F9A28**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8B59D1**, and **160066** is the 20% darker color. If you saturate the color by 10%, you get **49199A**, and if you desaturate by 10%, it is **5D379A**.

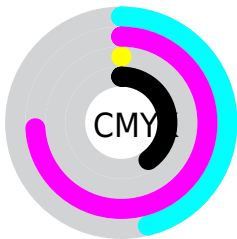
Distribution



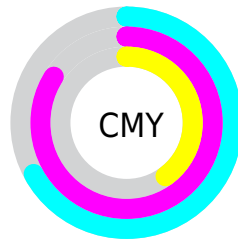
- Red (33%)
- Green (16%)
- Blue (60%)



- Red (33%)
- Yellow (16%)
- Blue (60%)



- Cyan (46%)
- Magenta (74%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53289A 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 53289A by changing the saturation by 10% instead.

53289A

53289A

FFFFFF

370E7F

8B59D1

160066

A773EE

00004D

C48DFF

000535

E1A8FF

00021F

FEC4FF

000002

FFE0FF

000000

FFFDFF

53289A

53289A

■ 49199A

■ 5D379A

■ 40099A

■ 66479A

■ 3A009A

■ 70569A

■ 79669A

■ 83759A

■ 8D849A

■ 96949A

■ A0A39A

■ A9B39A

Harmonies

Analogous

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



0047B3



53289A



8D006B

Triad

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



53289A



713100



005854

Complementary

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



53289A



6F9A28

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.



005618



53289A



444700

Square

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



53289A



910000



005100



005889

Rectangle

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



53289A



9B0047



005100



005741

Sweetspot

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



53289A



AE9DC9



28709A



554B66



E6E6E6



666666

Same Dimension

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



53289A



5A16C9



8B289A



48454D



35008C



05000D

Inverse Universe

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



9A286F



C91686



379A28



4D454A



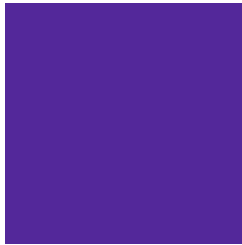
8C0057



0D0008

Previews

White Background



This preview shows how the Hex color 53289A 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 53289A Background



This preview shows how black text looks on a background with the Hex color 53289A.

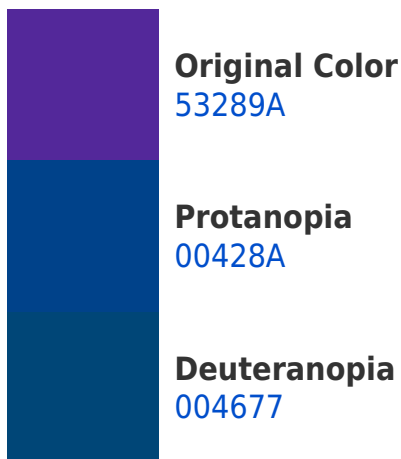


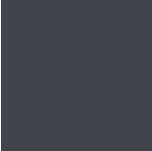
This preview shows how white text looks on a background with the Hex color 53289A.

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
3F454A

Trichromacy



Original Color
53289A

Protanomaly
1E3990

Deuteranomaly
1E3B84

Tritanomaly
463A67

Monochromacy



Original Color
53289A

Achromatopsia
424242

Achromatomaly
483962

CSS Examples

Text

The CSS property to change the color of the text to Hex 53289A 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 #53289A looks like.

```
.text, #text, p{  
    color:#53289A  
}
```

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 #53289A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53289A
}
```

Border

The CSS property to change the border of an element to Hex 53289A is called "border". The border property can be set on classes, ids or directly on the HTML element.

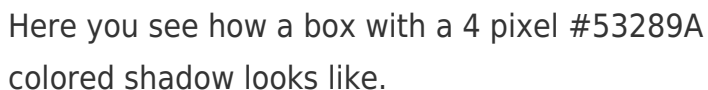
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53289A }
```

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

```
.border{ border-color:#53289A }
```

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



Here you see how a box with a 4 pixel #53289A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53289A; -webkit-box-shadow:4px 4px  
4px 4px #53289A; box-shadow:4px 4px 4px  
4px #53289A }
```

Background

The CSS property to change the background color of an element to Hex 53289A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53289A }
```

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

```
.background{ background-color:#53289A }
```

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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