

Converting Colors

Hex(52569E)

Have a look what the booklet for
Hex(52569E) contains.

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Color

Hex(52569E)

Conversions

Conversions Part 1

Format	Color
Hex	52569E
RGB	82, 86, 158
RGB Percent	32%, 34%, 62%
CMY	0.6784, 0.6627, 0.3804
CMYK	0.48, 0.46, 0.00, 0.38
HSL	237°, 32%, 47%
HSV	237°, 48%, 62%
XYZ	12.9790, 10.9180, 33.7711
YIQ	93.0120, -25.4960, 21.5440

Conversions

Conversions Part 2

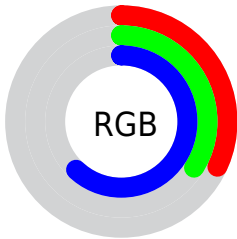
Format	Color
R_{YB}	82, 86, 158
Decimal	5396126
CIE _{Lab}	39.44, 18.50, -39.79
CIE _{LCh}	39, 43.883, 294.937
Yxy	10.9180, 0.2251, 0.1893
Android (android.graphics.Color)	4283586206 (0xFF52569E)
YUV	93.0120, 32.0391, -9.6575
Hunter-Lab	33.0425, 12.2902, -37.4677

Details

The Hex color **52569E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9A52**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8888D5**, and **1A296A** is the 20% darker color. If you saturate the color by 10%, you get **42479E**, and if you desaturate by 10%, it is **62659E**.

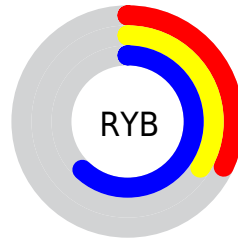
Distribution



Red (32%)

Green (34%)

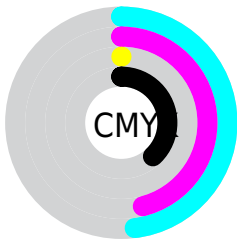
Blue (62%)



Red (32%)

Yellow (34%)

Blue (62%)

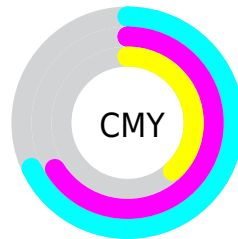


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (38%)



Cyan (68%)

Magenta (66%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52569E 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 52569E by changing the saturation by 10% instead.

■ 52569E

■ 52569E

FFFFFF

■ 373F84

■ 8888D5

■ 1A296A

■ A3A2F2

■ 001551

■ BFBDFE

■ 00003A

■ DCD9FF

■ 000223

■ F9F5FF

■ 00000B

■ 000000

■ 52569E

■ 52569E

■ 42479E

■ 62659E

■ 32389E

■ 72749E

■ 23299E

■ 81839E

■ 131A9E

■ 91929E

■ 030B9E

■ A1A19E

■ 00089E

■ B1B09E

■ C1BF9E

■ D0CE9E

■ E0DD9E

Harmonies

Analogous

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



0063A4



52569E



824686

Triad

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



52569E



8E4B22



006D55

Complementary

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



52569E



9E9A52

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.



206A32



52569E



74590D

Square

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



52569E



9D3E41



526415



006E7A

Rectangle

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



52569E



943E70



526415



006D49

Sweetspot

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



52569E



B2B3CF



529E99



575869



E8E8E8



696969

Same Dimension

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



52569E



575DCF



73529E



47484F



00088F



00010F

Inverse Universe

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



9E5256



CF575D



7D9E52



4F4748



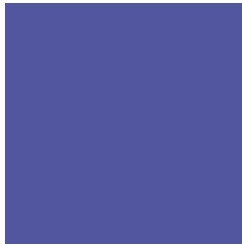
8F0008



0F0001

Previews

White Background



This preview shows how the Hex color 52569E looks on a white background.

Color Contrast Check

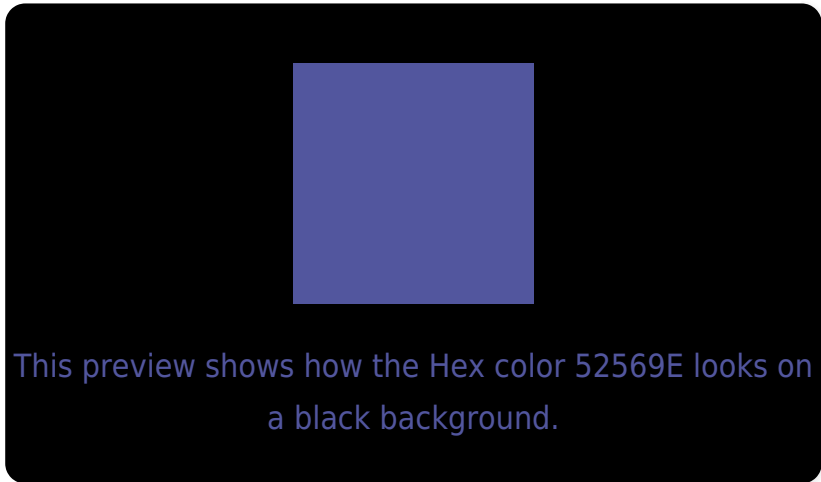
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

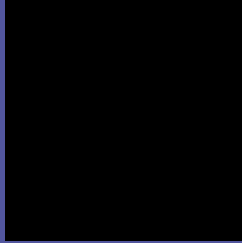
Any Text WCAG AA × Fail

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 52569E Background



This preview shows how black text looks on a background with the Hex color 52569E.

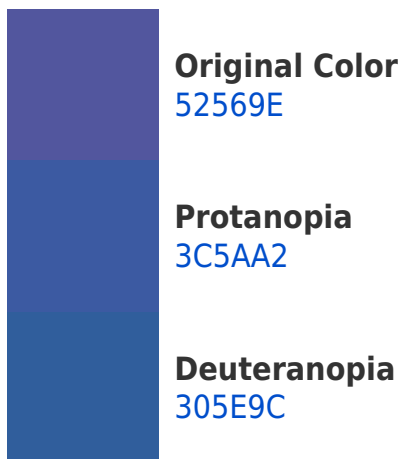


This preview shows how white text looks on a background with the Hex color 52569E.

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
43626A

Trichromacy



Original Color
52569E

Protanomaly
4459A1

Deuteranomaly
3C5B9D

Tritanomaly
485E7D

Monochromacy



Original Color
52569E

Achromatopsia
5D5D5D

Achromatomaly
595A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 52569E 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 #52569E looks like.

```
.text, #text, p{  
    color:#52569E  
}
```

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 #52569E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52569E
}
```

Border

The CSS property to change the border of an element to Hex 52569E is called "border". The border property can be set on classes, ids or directly on the HTML element.

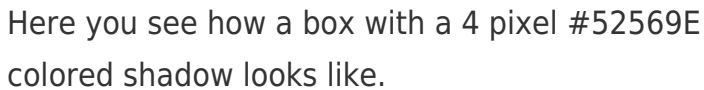
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52569E }
```

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

```
.border{ border-color:#52569E }
```

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



Here you see how a box with a 4 pixel #52569E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52569E; -webkit-box-shadow:4px 4px  
4px 4px #52569E; box-shadow:4px 4px 4px  
4px #52569E }
```

Background

The CSS property to change the background color of an element to Hex 52569E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52569E }
```

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

```
.background{ background-color:#52569E }
```

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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