

Converting Colors

Hex(56669A)

Have a look what the booklet for
Hex(56669A) contains.

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Color

Hex(56669A)

Conversions

Conversions Part 1

Format	Color
Hex	56669A
RGB	86, 102, 154
RGB Percent	34%, 40%, 60%
CMY	0.6627, 0.6000, 0.3961
CMYK	0.44, 0.34, 0.00, 0.40
HSL	226°, 28%, 47%
HSV	226°, 44%, 60%
XYZ	14.4219, 13.8143, 32.4782
YIQ	103.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

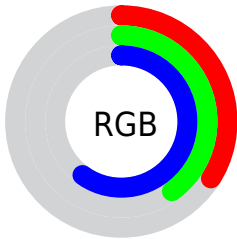
Format	Color
R_{YB}	86, 99, 154
Decimal	5662362
CIE _{Lab}	43.97, 8.21, -30.24
CIE _{LCh}	44, 31.338, 285.193
Yxy	13.8143, 0.2375, 0.2275
Android (android.graphics.Color)	4283852442 (0xFF56669A)
YUV	103.1440, 25.0720, -15.0353
Hunter-Lab	37.1676, 4.2189, -25.7921

Details

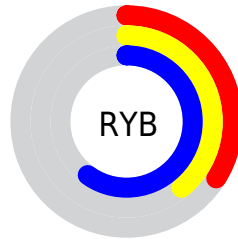
The Hex color **56669A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8A56**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8B99D1**, and **223867** is the 20% darker color. If you saturate the color by 10%, you get **475A9A**, and if you desaturate by 10%, it is **65729A**.

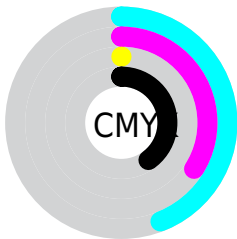
Distribution



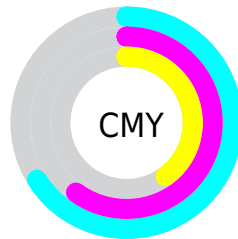
- Red (34%)
- Green (40%)
- Blue (60%)



- Red (34%)
- Yellow (39%)
- Blue (60%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (66%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56669A 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 56669A by changing the saturation by 10% instead.

■ 56669A

■ 56669A

FFFFFF

■ 3C4E80

■ 8B99D1

■ 223867

■ A6B3ED

■ 00224E

■ C2CFFF

■ 000C37

■ DEEBFF

■ 000221

■ FBFFFF

■ 000006

■ 000000

■ 56669A

■ 56669A

■ 475A9A

■ 65729A

■ 374E9A

■ 757E9A

■ 28439A

■ 84899A

■ 18379A

■ 94959A

■ 092B9A

■ A3A19A

■ 00249A

■ B2AD9A

■ C2B89A

■ D1C49A

■ E1D09A

Harmonies

Analogous

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



1E6E9A



56669A



7B5C8D

Triad

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



56669A



945944



28755A

Complementary

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



56669A



9A8A56

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.



4E7142



56669A



836235

Square

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



56669A



9A535C



6B6B34



007575

Rectangle

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



56669A



8C567E



6B6B34



377451

Sweetspot

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



56669A



AFB5C9



569A89



565A66



E6E6E6



666666

Same Dimension

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



56669A



5F78C9



67569A



45474D



00218C



00030D

Inverse Universe

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



9A5666



C95F78



899A56



4D4547



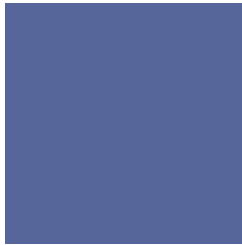
8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 56669A looks on a white background.

Color Contrast Check

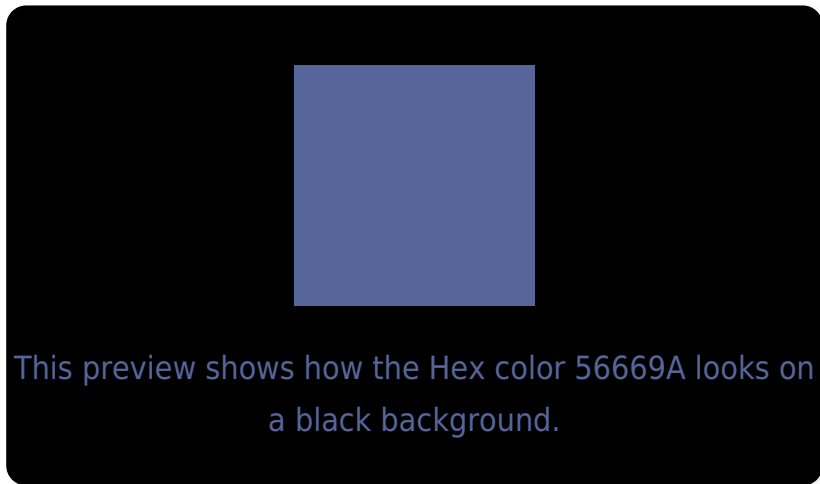
Large Text (above 18pt) WCAG AA ✓ Pass

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

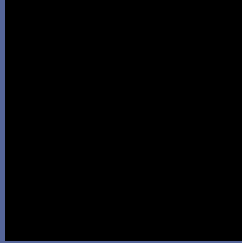
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

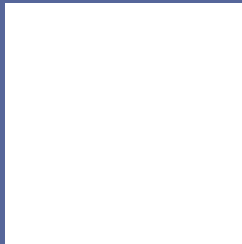
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 56669A Background



This preview shows how black text looks on a background with the Hex color 56669A.



This preview shows how white text looks on a background with the Hex color 56669A.

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


56669A

Protanopia

56669A

Deuteranopia

52679A



Tritanopia
4C6D76

Trichromacy



Original Color
56669A

Protanomaly
56669A

Deuteranomaly
53679A

Tritanomaly
506A83

Monochromacy



Original Color
56669A

Achromatopsia
676767

Achromatomaly
61677A

CSS Examples

Text

The CSS property to change the color of the text to Hex 56669A 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 #56669A looks like.

```
.text, #text, p{  
    color:#56669A  
}
```

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 #56669A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56669A
}
```

Border

The CSS property to change the border of an element to Hex 56669A 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
#56669A }
```

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

```
.border{ border-color:#56669A }
```

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

Here you see how a box with a 4 pixel #56669A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56669A; -webkit-box-shadow:4px 4px  
4px 4px #56669A; box-shadow:4px 4px 4px  
4px #56669A }
```

Background

The CSS property to change the background color of an element to Hex 56669A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56669A }
```

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

```
.background{ background-color:#56669A }
```

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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