

Converting Colors

Hex(16589A)

Have a look what the booklet for
Hex(16589A) contains.

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Color

Hex(16589A)

Conversions

Conversions Part 1

Format	Color
Hex	16589A
RGB	22, 88, 154
RGB Percent	9%, 35%, 60%
CMY	0.9137, 0.6549, 0.3961
CMYK	0.86, 0.43, 0.00, 0.40
HSL	210°, 75%, 35%
HSV	210°, 86%, 60%
XYZ	9.6533, 9.4831, 31.8935
YIQ	75.7900, -60.5220, 6.5340

Conversions

Conversions Part 2

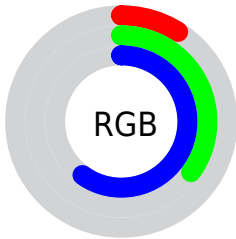
Format	Color
RYB	22, 66, 154
Decimal	1464474
CIELab	36.90, 5.27, -41.62
CIElCh	37, 41.953, 277.221
Yxy	9.4831, 0.1892, 0.1858
Android (android.graphics.Color)	4279654554 (0xFF16589A)
YUV	75.7900, 38.5575, -47.1738
Hunter-Lab	30.7947, 2.0645, -39.8493

Details

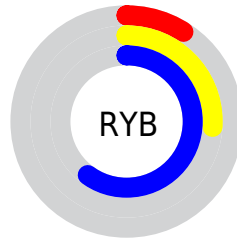
The Hex color **16589A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A5816**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5B89D1**, and **002C66** is the 20% darker color. If you saturate the color by 10%, you get **07509A**, and if you desaturate by 10%, it is **25609A**.

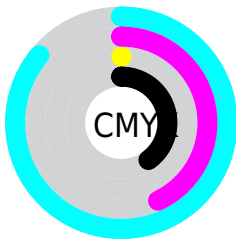
Distribution



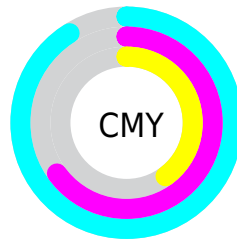
- Red (9%)
- Green (35%)
- Blue (60%)



- Red (9%)
- Yellow (26%)
- Blue (60%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16589A 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 16589A by changing the saturation by 10% instead.

■ 16589A

■ 16589A

FFFFFF

■ 004180

■ 5B89D1

■ 002C66

■ 78A4ED

■ 00184E

■ 94BEFF

■ 000536

■ B1DAFF

■ 000220

■ CFF7FF

■ 000004

■ ECFFFF

■ 000000

■ 16589A

■ 16589A

■ 07509A

■ 25609A

■ 004D9A

■ 35679A

■ 446F9A

■ 54779A

■ 637E9A

■ 72869A

■ 828E9A

■ 91969A

■ A19D9A

Harmonies

Analogous

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



006195



16589A



634A8D

Triad

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



16589A



8F3E30



00653B

Complementary

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



16589A



9A5816

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.



3D601D



16589A



7D4C15

Square

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



16589A



943650



605809



00675E

Rectangle

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



16589A



7D407C



605809



176430

Sweetspot

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



16589A



95AFC9



169A58



465666



E6E6E6



666666

Same Dimension

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



16589A



0065C9



16169A



45494D



00468C



00060D

Inverse Universe

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



9A1658



C90065



9A9A16



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 16589A looks on a white background.

Color Contrast Check

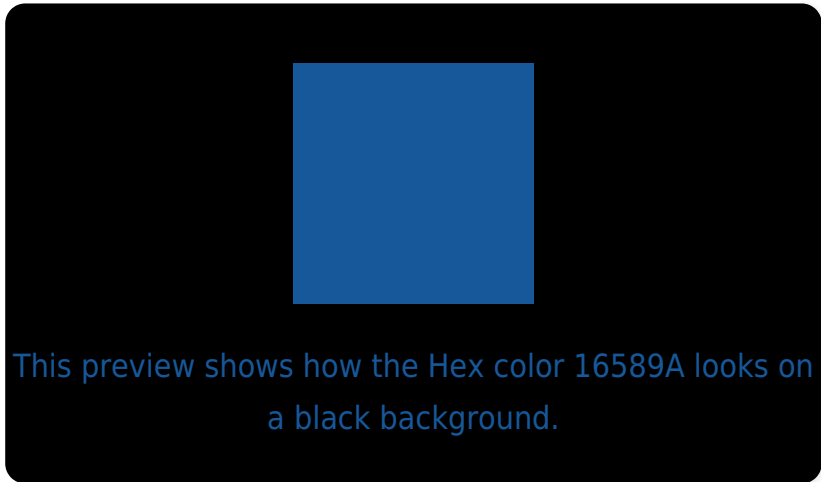
Large Text (above 18pt) WCAG AA ✓ Pass

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 16589A Background



This preview shows how black text looks on a background with the Hex color 16589A.



This preview shows how white text looks on a background with the Hex color 16589A.

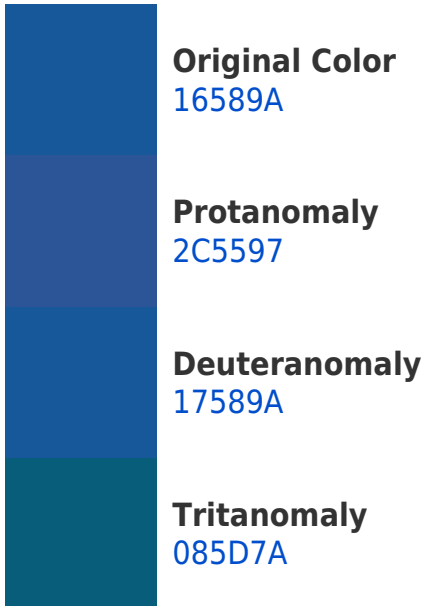
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16589A 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 #16589A looks like.

```
.text, #text, p{  
    color:#16589A  
}
```

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 #16589A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16589A
}
```

Border

The CSS property to change the border of an element to Hex 16589A 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
#16589A }
```

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

```
.border{ border-color:#16589A }
```

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

Here you see how a box with a 4 pixel #16589A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16589A; -webkit-box-shadow:4px 4px  
4px 4px #16589A; box-shadow:4px 4px 4px  
4px #16589A }
```

Background

The CSS property to change the background color of an element to Hex 16589A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16589A }
```

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

```
.background{ background-color:#16589A }
```

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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