

Converting Colors

Hex(30659A)

Have a look what the booklet for
Hex(30659A) contains.

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Color

Hex(30659A)

Conversions

Conversions Part 1

Format	Color
Hex	30659A
RGB	48, 101, 154
RGB Percent	19%, 40%, 60%
CMY	0.8118, 0.6039, 0.3961
CMYK	0.69, 0.34, 0.00, 0.40
HSL	210°, 52%, 40%
HSV	210°, 69%, 60%
XYZ	11.7053, 12.2688, 32.3230
YIQ	91.1950, -48.6010, 5.2470

Conversions

Conversions Part 2

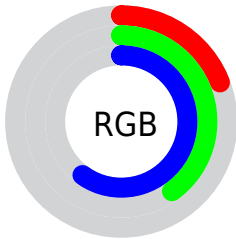
Format	Color
RYB	48, 83, 154
Decimal	3171738
CIELab	41.64, 0.31, -34.04
CIELCh	42, 34.040, 270.527
Yxy	12.2688, 0.2079, 0.2179
Android (android.graphics.Color)	4281361818 (0xFF30659A)
YUV	91.1950, 30.9629, -37.8820
Hunter-Lab	35.0269, -1.6457, -30.1944

Details

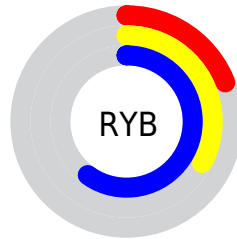
The Hex color **30659A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A6530**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6A98D1**, and **003766** is the 20% darker color. If you saturate the color by 10%, you get **215D9A**, and if you desaturate by 10%, it is **3F6D9A**.

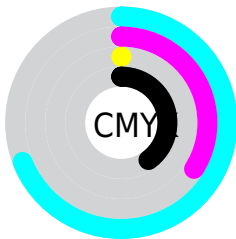
Distribution



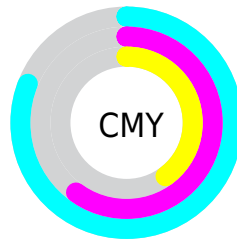
- Red (19%)
- Green (40%)
- Blue (60%)



- Red (19%)
- Yellow (33%)
- Blue (60%)



- Cyan (69%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30659A 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 30659A by changing the saturation by 10% instead.

■ 30659A

■ 30659A

FFFFFF

■ 054D80

■ 6A98D1

■ 003766

■ 86B2ED

■ 00224E

■ A2CEFF

■ 000A37

■ BFEAFF

■ 000221

■ DCFFFF

■ 000006

■ F9FFFF

■ 000000

■ 30659A

■ 30659A

■ 215D9A

■ 3F6D9A

■ 11569A

■ 4F749A

■ 024E9A

■ 5E7C9A

■ 004D9A

■ 6E849A

■ 7D8B9A

■ 8C939A

■ 9C9B9A

■ ABA39A

■ BBAA9A

Harmonies

Analogous

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



006C92



30659A



655B93

Triad

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



30659A



954E47



316E46

Complementary

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



30659A



9A6530

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.



566930



30659A



885732

Square

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



30659A



954B63



726128



007062

Rectangle

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



30659A



7C5386



726128



3F6D3D

Sweetspot

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



30659A



9FB4C9



309A65



4D5966



E6E6E6



666666

Same Dimension

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



30659A



2276C9



30309A



45494D



00468C



00060D

Inverse Universe

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



9A3065



C92276



9A9A30



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 30659A looks on a white background.

Color Contrast Check

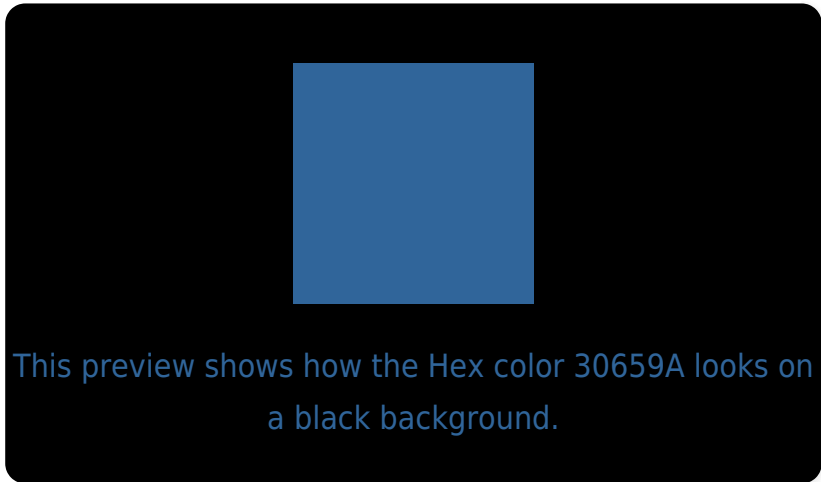
Large Text (above 18pt) WCAG AA ✓ Pass

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 30659A Background



This preview shows how black text looks on a background with the Hex color 30659A.

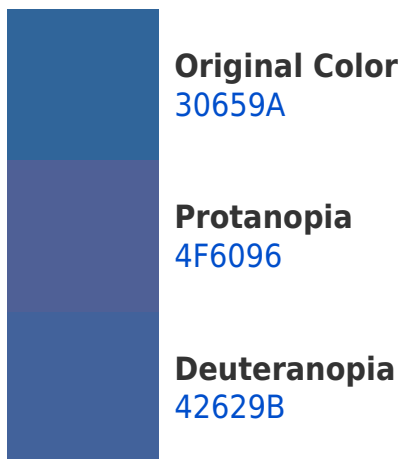


This preview shows how white text looks on a background with the Hex color 30659A.

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](#).

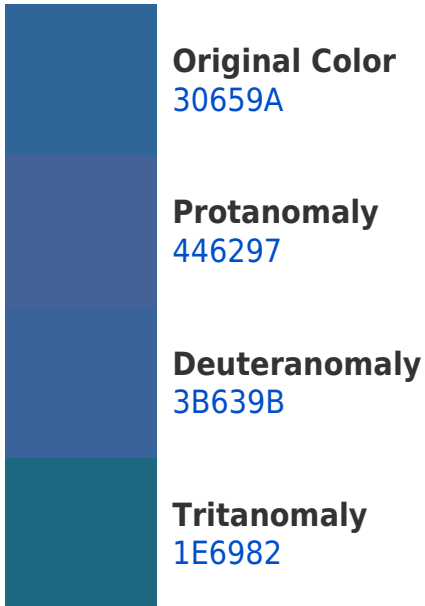
Dichromacy





Tritanopia
146C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30659A 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 #30659A looks like.

```
.text, #text, p{  
    color:#30659A  
}
```

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 #30659A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30659A
}
```

Border

The CSS property to change the border of an element to Hex 30659A 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
#30659A }
```

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

```
.border{ border-color:#30659A }
```

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

Here you see how a box with a 4 pixel #30659A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30659A; -webkit-box-shadow:4px 4px  
4px 4px #30659A; box-shadow:4px 4px 4px  
4px #30659A }
```

Background

The CSS property to change the background color of an element to Hex 30659A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30659A }
```

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

```
.background{ background-color:#30659A }
```

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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