

Converting Colors

Hex(30609D)

Have a look what the booklet for
Hex(30609D) contains.

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Color

Hex(30609D)

Conversions

Conversions Part 1

Format	Color
Hex	30609D
RGB	48, 96, 157
RGB Percent	19%, 38%, 62%
CMY	0.8118, 0.6235, 0.3843
CMYK	0.69, 0.39, 0.00, 0.38
HSL	214°, 53%, 40%
HSV	214°, 69%, 62%
XYZ	11.4876, 11.4284, 33.4987
YIQ	88.6020, -48.1890, 8.7950

Conversions

Conversions Part 2

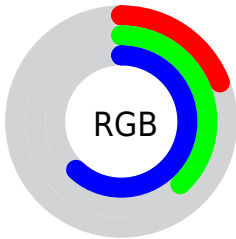
Format	Color
R _Y B	48, 81, 157
Decimal	3170461
CIE Lab	40.29, 4.57, -37.96
CIE LCh	40, 38.233, 276.863
Yxy	11.4284, 0.2036, 0.2026
Android (android.graphics.Color)	4281360541 (0xFF30609D)
YUV	88.6020, 33.7202, -35.6080
Hunter-Lab	33.8060, 1.4956, -35.0870




Details

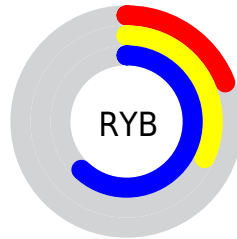
The Hex color **30609D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D6D30**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **6A92D4**, and **003269** is the 20% darker color. If you saturate the color by 10%, you get **20579D**, and if you desaturate by 10%, it is **40699D**.

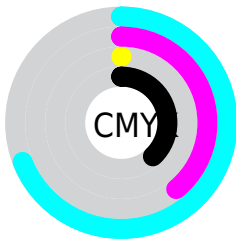
Distribution







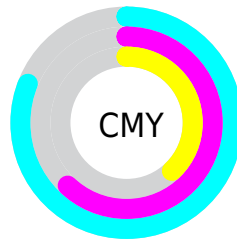
-  Red (19%)
-  Green (38%)
-  Blue (62%)






-  Red (19%)
-  Yellow (32%)
-  Blue (62%)



-  Cyan (69%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (81%)
-  Magenta (62%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30609D 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 30609D by changing the saturation by 10% instead.

■ 30609D

■ 30609D

FFFFFF

■ 034983

■ 6A92D4

■ 003269

■ 87ADF0

■ 001E51

■ A3C8FF

■ 000339

■ BFE4FF

■ 000223

■ DDFFFF

■ 00000A

■ FAFFFF

■ 000000

■ 30609D

■ 30609D

■ 20579D

■ 40699D

■ 114E9D

■ 4F729D

■ 01469D

■ 5F7A9D

■ 00459D

■ 6F839D

■ 7E8C9D

■ 8E959D

■ 9E9E9D

■ AEA69D

■ BDAF9D

Harmonies

Analogous

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



006998



30609D



6A5491

Triad

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



30609D



95493B



146D45

Complementary

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



30609D



9D6D30

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.



49682A



30609D



845424

Square

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



30609D



984359



6A601D



006E65

Rectangle

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



30609D



824B82



6A601D



2B6B3B

Sweetspot

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



30609D



A1B4CC



309D6C



4D5866



E6E6E6



666666

Same Dimension

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



30609D



236DCC



35309D



474B4F



003F8F



00070F

Inverse Universe

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



9D3060



CC236D



989D30



4F474B



8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 30609D looks on a white background.

Color Contrast Check

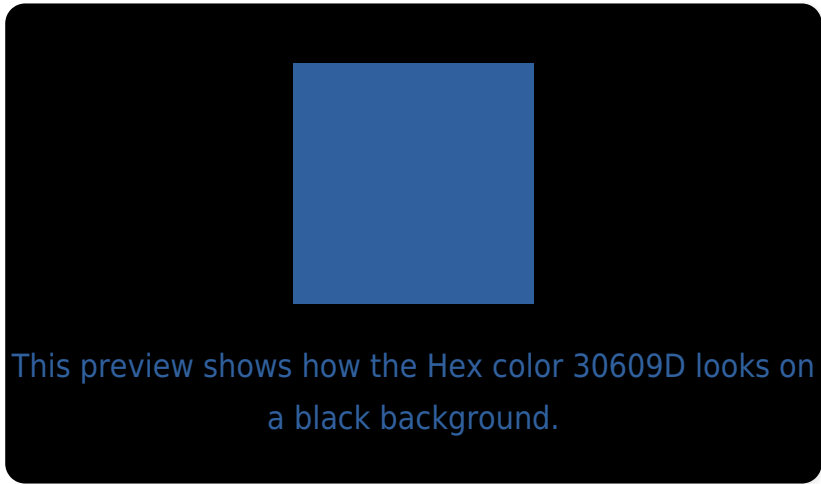
Large Text (above 18pt) WCAG AA ✓ Pass

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 30609D Background



This preview shows how black text looks on a background with the Hex color 30609D.

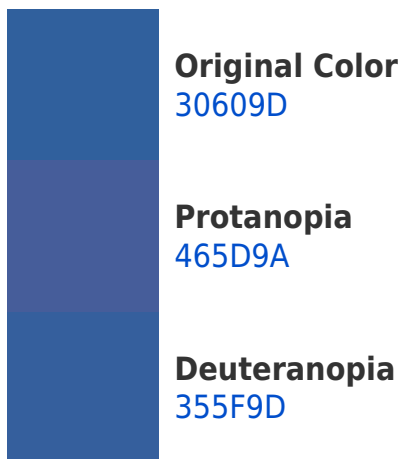


This preview shows how white text looks on a background with the Hex color 30609D.

Color Blindness Simulation

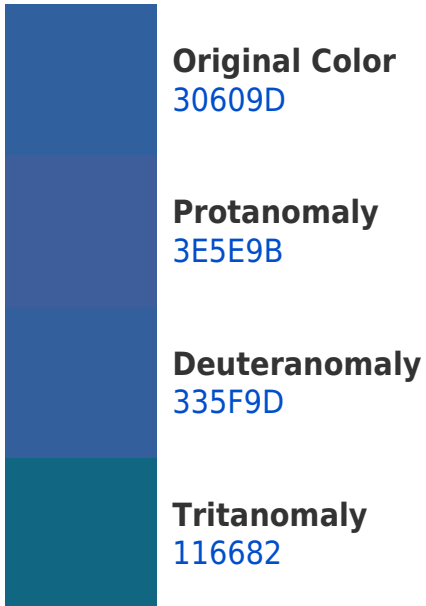
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

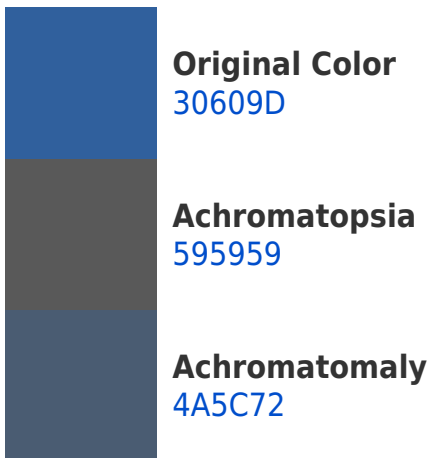




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30609D 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 #30609D looks like.

```
.text, #text, p{  
    color:#30609D  
}
```

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 #30609D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30609D
}
```

Border

The CSS property to change the border of an element to Hex 30609D 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
#30609D }
```

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

```
.border{ border-color:#30609D }
```

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

Here you see how a box with a 4 pixel #30609D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30609D; -webkit-box-shadow:4px 4px  
4px 4px #30609D; box-shadow:4px 4px 4px  
4px #30609D }
```

Background

The CSS property to change the background color of an element to Hex 30609D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30609D }
```

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

```
.background{ background-color:#30609D }
```

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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