

Converting Colors

Hex(35629B)

Have a look what the booklet for
Hex(35629B) contains.

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Color

Hex(35629B)

Conversions

Conversions Part 1

Format	Color
Hex	35629B
RGB	53, 98, 155
RGB Percent	21%, 38%, 61%
CMY	0.7922, 0.6157, 0.3922
CMYK	0.66, 0.37, 0.00, 0.39
HSL	214°, 49%, 41%
HSV	214°, 66%, 61%
XYZ	11.7523, 11.8588, 32.6799
YIQ	91.0430, -45.1170, 8.1870

Conversions

Conversions Part 2

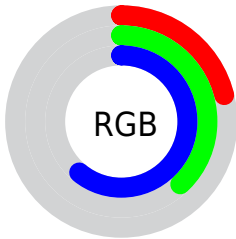
Format	Color
R_{YB}	53, 84, 155
Decimal	3498651
CIE _{Lab}	40.99, 3.44, -35.65
CIE _{LCh}	41, 35.813, 275.519
Yxy	11.8588, 0.2088, 0.2107
Android (android.graphics.Color)	4281688731 (0xFF35629B)
YUV	91.0430, 31.5308, -33.3637
Hunter-Lab	34.4366, 0.6531, -32.1598

Details

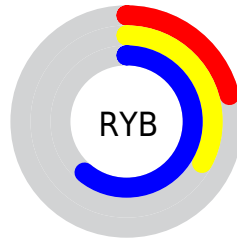
The Hex color **35629B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B6E35**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6E94D2**, and **003467** is the 20% darker color. If you saturate the color by 10%, you get **26599B**, and if you desaturate by 10%, it is **456B9B**.

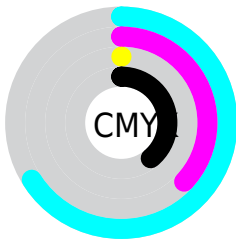
Distribution



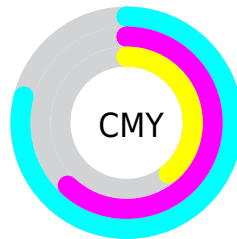
- Red (21%)
- Green (38%)
- Blue (61%)



- Red (21%)
- Yellow (33%)
- Blue (61%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (79%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35629B 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 35629B by changing the saturation by 10% instead.

■ 35629B

■ 35629B

FFFFFF

■ 114A81

■ 6E94D2

■ 003467

■ 8AAFEF

■ 00204F

■ A6CAFF

■ 000638

■ C2E6FF

■ 000222

■ DFFFFFF

■ 000007

FDFFFF

■ 000000

■ 35629B

■ 35629B

■ 26599B

■ 456B9B

■ 16519B

■ 54739B

■ 07489B

■ 647C9B

■ 00449B

■ 73859B

■ 838D9B

■ 92969B

■ A29F9B

■ B1A79B

■ C1B09B

Harmonies

Analogous

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



006A96



35629B



6A5791

Triad

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



35629B



944C40



236E47

Complementary

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



35629B



9B6E35

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.



4E692F



35629B



85562B

Square

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



35629B



97475C



6C6123



006F65

Rectangle

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



35629B



814F82



6C6123



346C3E

Sweetspot

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



35629B



A1B3C9



359B6D



4E5866



E6E6E6



666666

Same Dimension

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



35629B



2A71C9



3A359B



45484D



003E8C



00060D

Inverse Universe

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



9B3562



C92A71



969B35



4D4548



8C003E



0D0006

Previews

White Background



This preview shows how the Hex color 35629B looks on a white background.

Color Contrast Check

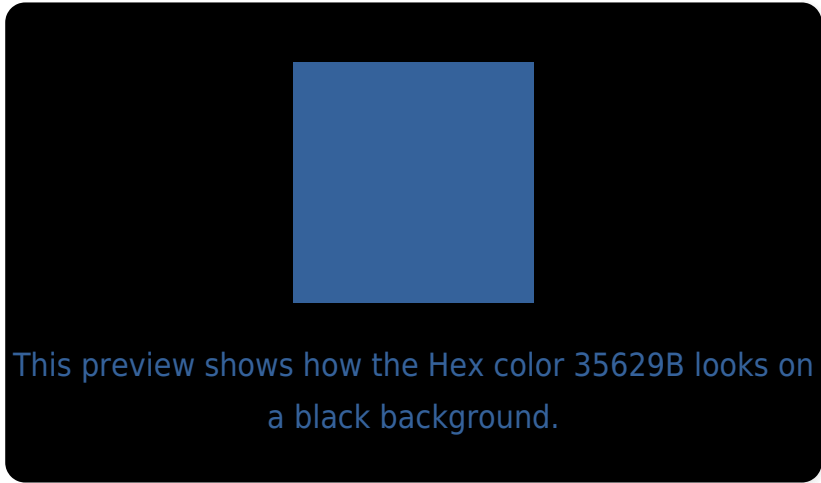
Large Text (above 18pt) WCAG AA ✓ Pass

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 35629B Background



This preview shows how black text looks on a background with the Hex color 35629B.




This preview shows how white text looks on a background with the Hex color 35629B.

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](#).

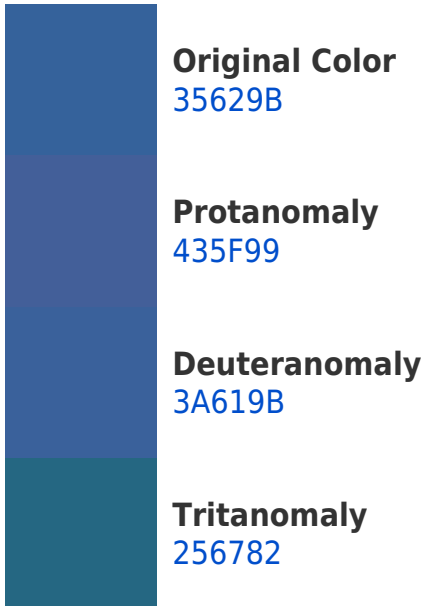
Dichromacy



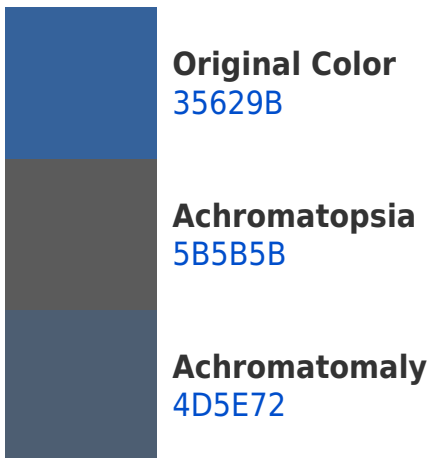


Tritanopia
1C6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35629B 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 #35629B looks like.

```
.text, #text, p{  
    color:#35629B  
}
```

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 #35629B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35629B
}
```

Border

The CSS property to change the border of an element to Hex 35629B 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
#35629B }
```

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

```
.border{ border-color:#35629B }
```

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

Here you see how a box with a 4 pixel #35629B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35629B; -webkit-box-shadow:4px 4px  
4px 4px #35629B; box-shadow:4px 4px 4px  
4px #35629B }
```

Background

The CSS property to change the background color of an element to Hex 35629B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35629B }
```

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

```
.background{ background-color:#35629B }
```

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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