

Converting Colors

Hex(2D559E)

Have a look what the booklet for
Hex(2D559E) contains.

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Color

Hex(2D559E)

Conversions

Conversions Part 1

Format	Color
Hex	2D559E
RGB	45, 85, 158
RGB Percent	18%, 33%, 62%
CMY	0.8235, 0.6667, 0.3804
CMYK	0.72, 0.46, 0.00, 0.38
HSL	219°, 56%, 40%
HSV	219°, 72%, 62%
XYZ	10.5022, 9.5235, 33.6324
YIQ	81.3620, -47.2730, 14.2230

Conversions

Conversions Part 2

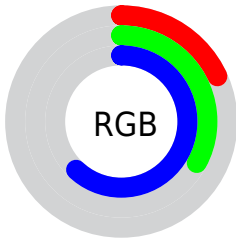
Format	Color
RYB	45, 75, 158
Decimal	2971038
CIELab	36.97, 11.60, -43.86
CIElCh	37, 45.370, 284.810
Yxy	9.5235, 0.1957, 0.1775
Android (android.graphics.Color)	4281161118 (0xFF2D559E)
YUV	81.3620, 37.7825, -31.8895
Hunter-Lab	30.8602, 6.7412, -43.0141

Details

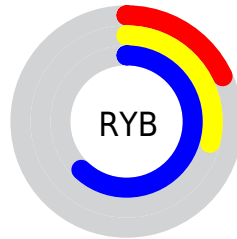
The Hex color **2D559E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E762D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6986D5**, and **00296A** is the 20% darker color. If you saturate the color by 10%, you get **1D4B9E**, and if you desaturate by 10%, it is **3D5F9E**.

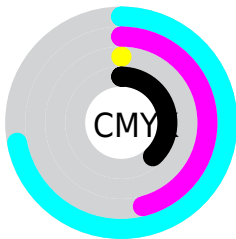
Distribution



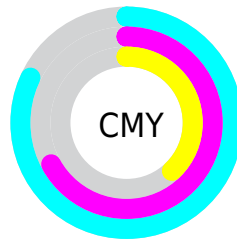
- Red (18%)
- Green (33%)
- Blue (62%)



- Red (18%)
- Yellow (29%)
- Blue (62%)



- Cyan (72%)
- Magenta (46%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D559E 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 2D559E by changing the saturation by 10% instead.

■ 2D559E

■ 2D559E

FFFFFF

■ 003E84

■ 6986D5

■ 00296A

■ 85A0F2

■ 001651

■ A1BBFF

■ 00053A

■ BED7FF

■ 000223

■ DBF3FF

■ 00000A

■ F9FFFF

■ 000000

■ 2D559E

■ 2D559E

■ 1D4B9E

■ 3D5F9E

■ 0D419E

■ 4D699E

■ 00389E

■ 5C749E

■ 6C7E9E

■ 7C889E

■ 8C929E

■ 9C9C9E

■ ABA79E

■ BBB19E

Harmonies

Analogous

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



00609E



2D559E



6F458B

Triad

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



2D559E



8F3F25



006743

Complementary

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



2D559E



9E762D

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.



2D631F



2D559E



784E06

Square

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



2D559E



983346



585B01



006869

Rectangle

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



2D559E



873A77



585B01



006636

Sweetspot

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



2D559E



A3B3CF



2D9E75



4E5869



E8E8E8



696969

Same Dimension

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



2D559E



1D5CCF



3C2D9E



474A4F



00338F



00050F

Inverse Universe

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



9E2D55



CF1D5C



8F9E2D



4F474A



8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 2D559E looks on a white background.

Color Contrast Check

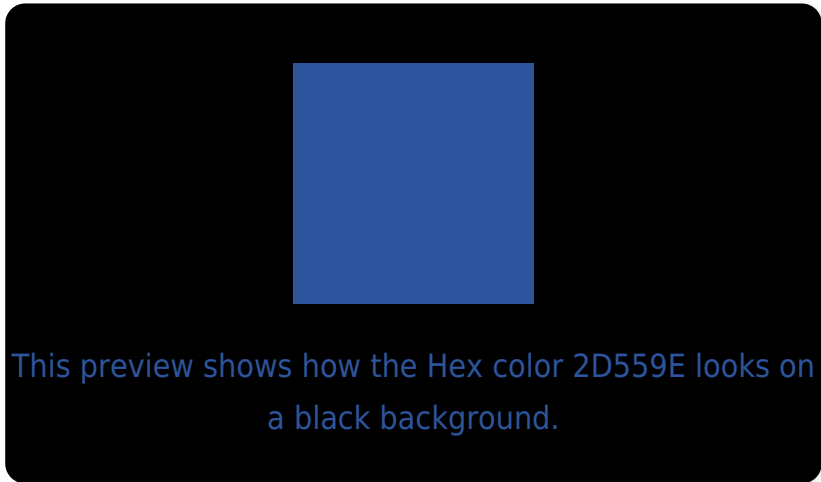
Large Text (above 18pt) WCAG AA ✓ Pass

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

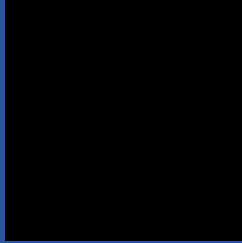
Any Text WCAG AA × Fail

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 2D559E Background



This preview shows how black text looks on a background with the Hex color 2D559E.



This preview shows how white text looks on a background with the Hex color 2D559E.

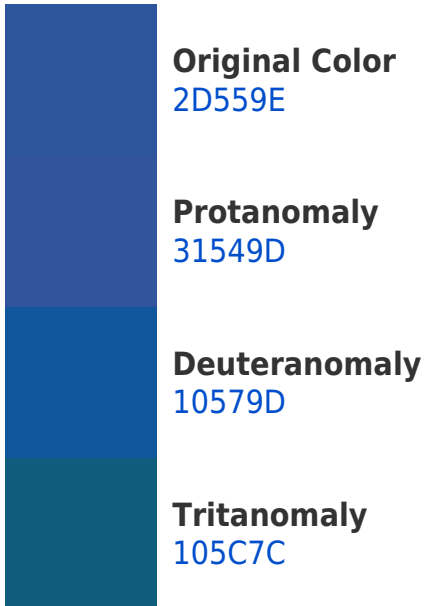
Color Blindness Simulation

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](#).

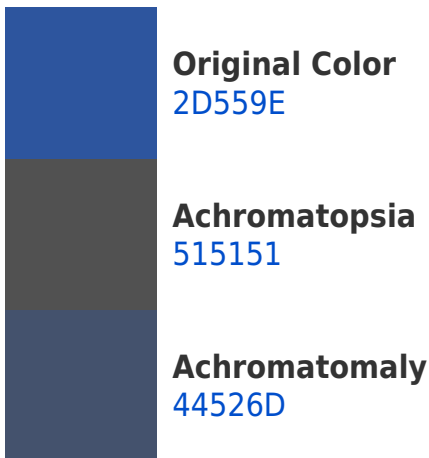
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D559E 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 #2D559E looks like.

```
.text, #text, p{  
    color:#2D559E  
}
```

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 #2D559E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D559E
}
```

Border

The CSS property to change the border of an element to Hex 2D559E 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
#2D559E }
```

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

```
.border{ border-color:#2D559E }
```

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

Here you see how a box with a 4 pixel #2D559E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D559E; -webkit-box-shadow:4px 4px  
4px 4px #2D559E; box-shadow:4px 4px 4px  
4px #2D559E }
```

Background

The CSS property to change the background color of an element to Hex 2D559E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D559E }
```

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

```
.background{ background-color:#2D559E }
```

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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