

# Converting Colors

Hex(D5F359)

Have a look what the booklet for  
Hex(D5F359) contains.

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**Color**

**Hex(D5F359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5F359
RGB	213, 243, 89
RGB Percent	84%, 95%, 35%
CMY	0.1647, 0.0471, 0.6510
CMYK	0.12, 0.00, 0.63, 0.05
HSL	72°, 87%, 65%
HSV	72°, 63%, 95%
XYZ	61.2943, 78.9686, 21.4631
YIQ	216.4740, 31.5540, -54.2540

# Conversions

## Conversions Part 2

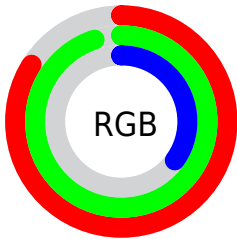
Format	Color
<a href="#">RYB</a>	<a href="#">89, 243, 119</a>
Decimal	<a href="#">14021465</a>
CIELab	<a href="#">91.22, -30.18, 68.47</a>
CIELCh	<a href="#">91, 74.820, 113.785</a>
Yxy	<a href="#">78.9686, 0.3790, 0.4883</a>
Android (android.graphics.Color)	<a href="#">4292211545 (0xFFD5F359)</a>
YUV	<a href="#">216.4740, -62.8447, -3.0467</a>
Hunter-Lab	<a href="#">88.8643, -32.3917, 47.8849</a>

# Details

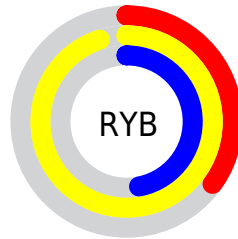
The Hex color **D5F359** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7759F3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF91**, and **9BBB19** is the 20% darker color. If you saturate the color by 10%, you get **D0F341**, and if you desaturate by 10%, it is **DAF371**.

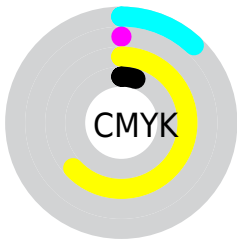
# Distribution



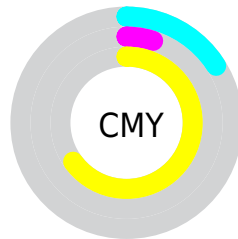
- Red (84%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5F359 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 D5F359 by changing the saturation by 10% instead.



 D5F359

FFFFFF

 FFFF91

 FFFF91

 FFFF91

 FFFF91

 D5F359

 B8D73C

 9BBB19

 7FA000

 638600

 486C00

 2C5400

 0C3C00

 002700

 000800

 D5F359

 D5F359

 D0F341

 DAF371

 CCF328

 DEF38A

 C7F310

 E3F3A2

 C4F300

 E8F3BA

 EDF3D2

 F1F3EB

 F6F3FF

 FBF3FF

 FFF3FF

# Harmonies

## Analogous

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



FFDD4E



D5F359



7AFF8D

# Triad

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



D5F359



00FFFF



FFA7F8

# Complementary

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



D5F359



7759F3

# 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.



FFBBFF



D5F359



00F2FF

# Square

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



D5F359



00FFFF



CFD9FF



FFAAB0

# Rectangle

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



D5F359



00FFBB



CFD9FF



FFABFF

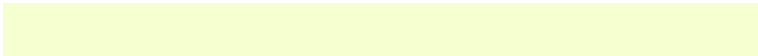


# Sweetspot

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



D5F359



F6FFCF



F37559



7A8062



000000



808080



# Same Dimension

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



D5F359



D9FF3D



8AF359



787A6E



96BA00



2F3B00



# Inverse Universe

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



7759F3



633DFF



C259F3



716E7A



2400BA

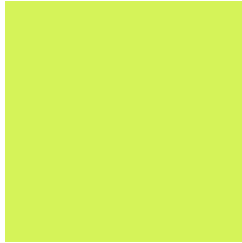


0B003B



# Previews

## White Background



This preview shows how the Hex color D5F359 looks on a white background.

## Color Contrast Check

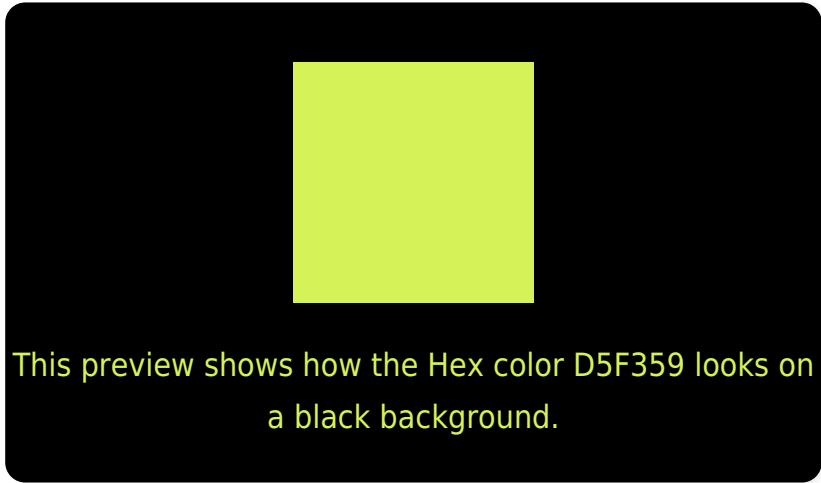
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5F359 Background



This preview shows how black text looks on a background with the Hex color D5F359.

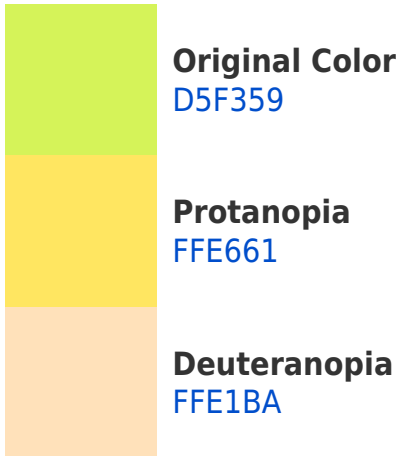


This preview shows how white text looks on a background with the Hex color D5F359.

# 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](#).

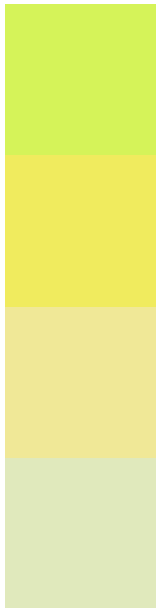
## Dichromacy





**Tritanopia**  
E6E4F5

# Trichromacy



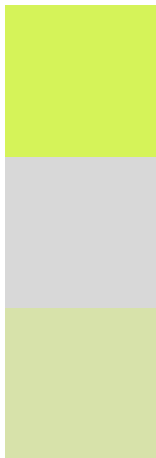
**Original Color**  
D5F359

**Protanomaly**  
F0EB5E

**Deuteranomaly**  
F0E897

**Tritanomaly**  
E0E9BC

# Monochromacy



**Original Color**  
D5F359

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D7E2AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5F359 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 #D5F359 looks like.

```
.text, #text, p{  
    color:#D5F359  
}
```

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 #D5F359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5F359
}
```

## Border

The CSS property to change the border of an element to Hex D5F359 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
#D5F359 }
```

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

```
.border{ border-color:#D5F359 }
```

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

Here you see how a box with a 4 pixel #D5F359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5F359; -webkit-box-shadow:4px 4px  
4px 4px #D5F359; box-shadow:4px 4px 4px  
4px #D5F359 }
```

# Background

The CSS property to change the background color of an element to Hex D5F359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5F359 }
```

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

```
.background{ background-color:#D5F359 }
```

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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