

# Converting Colors

Hex(359D28)

Have a look what the booklet for  
Hex(359D28) contains.

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**Color**

**Hex(359D28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	359D28
RGB	53, 157, 40
RGB Percent	21%, 62%, 16%
CMY	0.7922, 0.3843, 0.8431
CMYK	0.66, 0.00, 0.75, 0.38
HSL	113°, 59%, 39%
HSV	113°, 75%, 62%
XYZ	13.9082, 25.0240, 6.1046
YIQ	112.5660, -24.4270, -58.4350

# Conversions

## Conversions Part 2

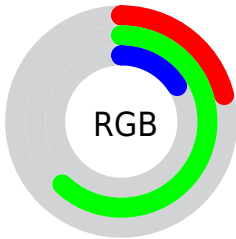
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 157, 144
Decimal	3513640
CIELab	57.10, -51.60, 49.49
CIELCh	57, 71.495, 136.199
Yxy	25.0240, 0.3088, 0.5556
Android (android.graphics.Color)	4281703720 (0xFF359D28)
YUV	112.5660, -35.7750, -52.2394
Hunter-Lab	50.0240, -37.9137, 27.7815

# Details

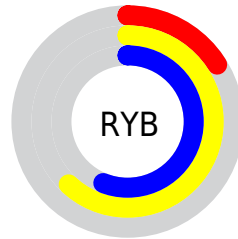
The Hex color **359D28** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **90289D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **71D55D**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **279D18**, and if you desaturate by 10%, it is **439D38**.

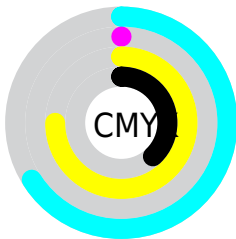
# Distribution



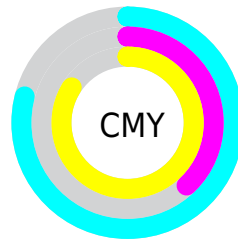
- Red (21%)
- Green (62%)
- Blue (16%)



- Red (16%)
- Yellow (62%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (75%)
- Black (38%)



- Cyan (79%)
- Magenta (38%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 359D28 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 359D28 by changing the saturation by 10% instead.



 359D28

 359D28

FFFFFF

 078206

 71D55D

 006800

 8EF177

 004F00

 ABFF92

 003700

 C8FFAE

 002000

 E6FFCA

 000000

 FFFFE7

 359D28

 359D28

 279D18

 439D38

 199D09

 519D47

 119D00

 5F9D57

 6D9D67

 7B9D77

 899D86

 979D96

 A59DA6

 B39DB5

# Harmonies

## Analogous

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



859100



359D28



00A369

# Triad

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



359D28



0099FF



F7456A

# Complementary

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



359D28



90289D

# 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.



E949A9



359D28



3985FF

# Square

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



359D28



00A2E2



B567E0



E55F2F

# Rectangle

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



359D28



00A595



B567E0



F6427F



# Sweetspot

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



359D28



A4CC9F



9D8F28



4E664B



E6E6E6



666666



# Same Dimension

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



359D28



2BCC16



289D55



484F47



108F00



020F00



# Inverse Universe

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



90289D



B816CC



9D2870



4E474F



7F008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 359D28 looks on a white background.

## Color Contrast Check

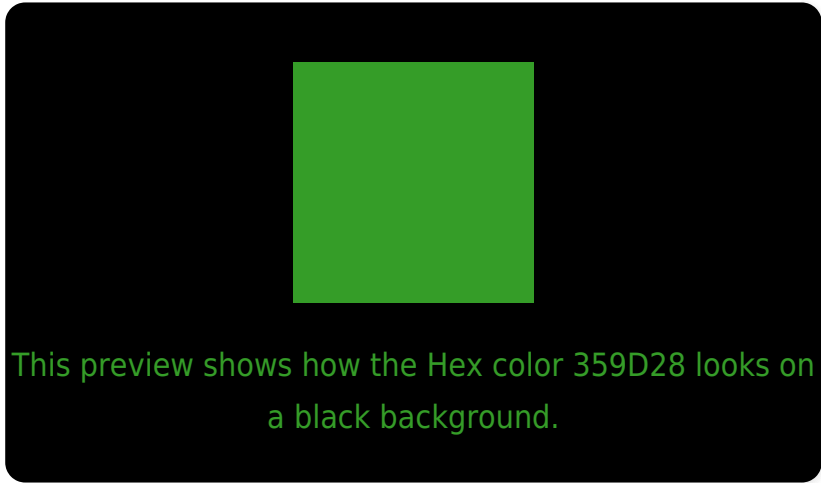
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

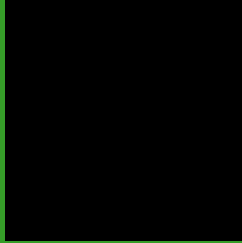
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 359D28 Background



This preview shows how black text looks on a background with the Hex color 359D28.



This preview shows how white text looks on a background with the Hex color 359D28.

# 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



**Original Color**  
359D28

**Protanopia**  
998823

**Deuteranopia**  
AA8133



**Tritanopia**  
51929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 359D28 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 #359D28 looks like.

```
.text, #text, p{  
    color:#359D28  
}
```

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 #359D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #359D28
}
```

## Border

The CSS property to change the border of an element to Hex 359D28 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
#359D28 }
```

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

```
.border{ border-color:#359D28 }
```

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

Here you see how a box with a 4 pixel #359D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #359D28; -webkit-box-shadow:4px 4px  
4px 4px #359D28; box-shadow:4px 4px 4px  
4px #359D28 }
```

# Background

The CSS property to change the background color of an element to Hex 359D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#359D28 }
```

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

```
.background{ background-color:#359D28 }
```

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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