

Converting Colors

Hex(35D62F)

Have a look what the booklet for
Hex(35D62F) contains.

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Color

Hex(35D62F)

Conversions

Conversions Part 1

Format	Color
Hex	35D62F
RGB	53, 214, 47
RGB Percent	21%, 84%, 18%
CMY	0.7922, 0.1608, 0.8157
CMYK	0.75, 0.00, 0.78, 0.16
HSL	118°, 67%, 51%
HSV	118°, 78%, 84%
XYZ	26.0279, 49.0553, 10.7861
YIQ	146.8230, -42.3490, -86.0690

Conversions

Conversions Part 2

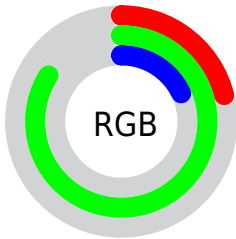
Format	Color
RYB	47, 214, 208
Decimal	3528239
CIELab	75.49, -69.64, 65.19
CIElCh	75, 95.396, 136.890
Yxy	49.0553, 0.3031, 0.5713
Android (android.graphics.Color)	4281718319 (0xFF35D62F)
YUV	146.8230, -49.2127, -82.2828
Hunter-Lab	70.0395, -56.2354, 39.8969

Details

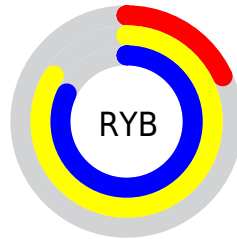
The Hex color **35D62F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **D02FD6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DFF6A**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **20D61A**, and if you desaturate by 10%, it is **4AD644**.

Distribution



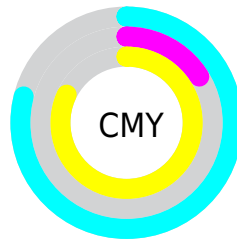
- Red (21%)
- Green (84%)
- Blue (18%)



- Red (18%)
- Yellow (84%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (78%)
- Black (16%)



- Cyan (79%)
- Magenta (16%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35D62F 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 35D62F by changing the saturation by 10% instead.

 35D62F

 35D62F

FFFFFF

 00BA01

 7DFF6A

 009E00

 9DFF86

 008200

 BCFFA2

 006800

 DBFFBF

 004E00

 FAFFDC

 003600

 FFFFF9

 001C00

 000000

 35D62F

 35D62F

 20D61A

 4AD644

 0CD604

 5ED65A

 08D600

 73D66F

 88D685

 9CD69A

 B1D6AF

 C5D6C5

 DAD6DA

 EFD6F0

Harmonies

Analogous

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



B1C500



35D62F



00DE8F

Triad

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



35D62F



00D0FF



FF548D

Complementary

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



35D62F



D02FD6

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.



FF59E4



35D62F



40B3FF

Square

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



35D62F



00DDFF



FA88FF



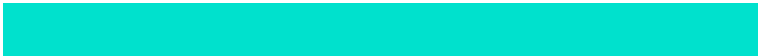
FF7E38

Rectangle

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



35D62F



00E1CD



FA88FF



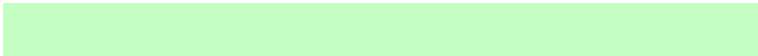
FF4EAA

Sweetspot

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



35D62F



C6FFC4



D6CE2F



5D805C



000000



808080

Same Dimension

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



35D62F



18FF0F



2FD67A



616B60



06AB00



022B00

Inverse Universe

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



D02FD6



F60FFF



D62F8B



6B606B



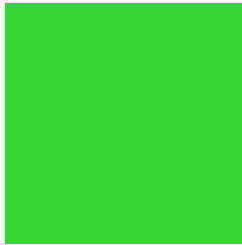
A500AB



2A002B

Previews

White Background



This preview shows how the Hex color 35D62F 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



This preview shows how the Hex color 35D62F looks on a 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 35D62F Background



This preview shows how black text looks on a background with the Hex color 35D62F.

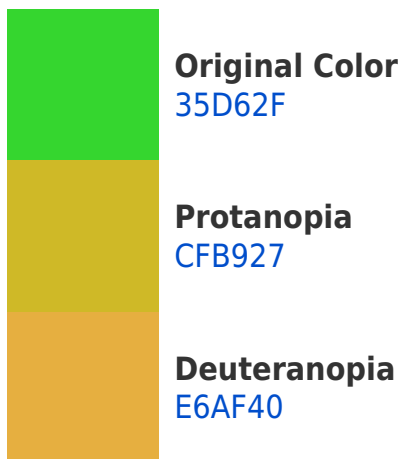


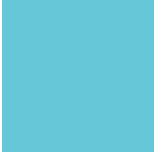
This preview shows how white text looks on a background with the Hex color 35D62F.

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
65C7D8

Trichromacy



Original Color
35D62F



Protanomaly
97C42A



Deuteranomaly
A6BD3A



Tritanomaly
54CC9B

Monochromacy



Original Color
35D62F



Achromatopsia
939393



Achromatomaly
71AB6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 35D62F 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 #35D62F looks like.

```
.text, #text, p{  
  color:#35D62F  
}
```

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 #35D62F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D62F
}
```

Border

The CSS property to change the border of an element to Hex 35D62F 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
#35D62F }
```

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

```
.border{ border-color:#35D62F }
```

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

Here you see how a box with a 4 pixel #35D62F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D62F; -webkit-box-shadow:4px 4px  
4px 4px #35D62F; box-shadow:4px 4px 4px  
4px #35D62F }
```

Background

The CSS property to change the background color of an element to Hex 35D62F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D62F }
```

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

```
.background{ background-color:#35D62F }
```

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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