

Converting Colors

Hex(36F029)

Have a look what the booklet for
Hex(36F029) contains.

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Color

Hex(36F029)

Conversions

Conversions Part 1

Format	Color
Hex	36F029
RGB	54, 240, 41
RGB Percent	21%, 94%, 16%
CMY	0.7882, 0.0588, 0.8392
CMYK	0.78, 0.00, 0.83, 0.06
HSL	116°, 87%, 55%
HSV	116°, 83%, 94%
XYZ	33.0816, 63.2645, 12.5655
YIQ	161.7000, -46.9770, -101.3210

Conversions

Conversions Part 2

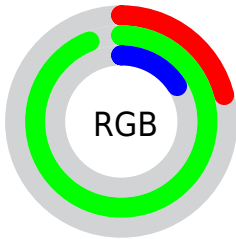
Format	Color
RYB	41, 240, 227
Decimal	3600425
CIELab	83.58, -77.52, 74.32
CIELCh	84, 107.390, 136.207
Yxy	63.2645, 0.3037, 0.5809
Android (android.graphics.Color)	4281790505 (0xFF36F029)
YUV	161.7000, -59.5051, -94.4529
Hunter-Lab	79.5390, -64.9520, 46.3107

Details

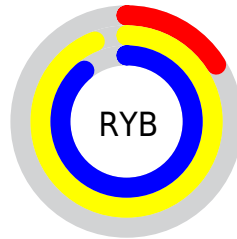
The Hex color **36F029** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E329F0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **84FF69**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **20F011**, and if you desaturate by 10%, it is **4CF041**.

Distribution



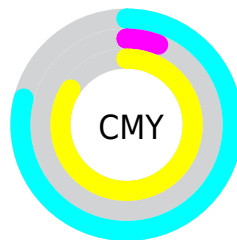
- Red (21%)
- Green (94%)
- Blue (16%)



- Red (16%)
- Yellow (94%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (83%)
- Black (6%)



- Cyan (79%)
- Magenta (6%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36F029 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 36F029 by changing the saturation by 10% instead.

 36F029

 36F029

FFFFFF

 00D300

 84FF69

 00B600

 A5FF86

 009A00

 C5FFA3

 007F00

 E5FFC0

 006400

 FFFFDE

 004A00

 FFFFFC

 003100

 001500

 000000

 36F029

 36F029

 20F011

 4CF041

 10F000

 63F059

 79F071

 90F089

 A6F0A1

 BDF0B9

 D3F0D1

 E9F0E9

 FFF0FF

Harmonies

Analogous

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



C7DD00



36F029



00F99C

Triad

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



36F029



00EAFB



FF559F

Complementary

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



36F029



E329F0

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.



FF5EFF



36F029



10CAFF

Square

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



36F029



00F9FF



FF98FF



FF893C

Rectangle

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



36F029



00FCE3



FF98FF



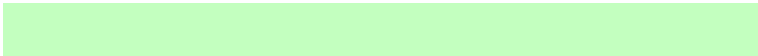
FF4EC0

Sweetspot

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



36F029



C3FFBF



F0E329



5C8059



000000



808080

Same Dimension

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



36F029



11FF00



29F07F



6D786C



0CB800



043800

Inverse Universe

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



E329F0



EE00FF



F0299A



776C78



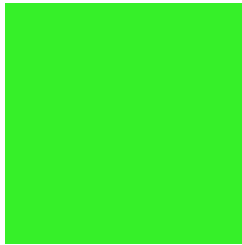
AC00B8



340038

Previews

White Background



This preview shows how the Hex color 36F029 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 36F029 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 36F029 Background



This preview shows how black text looks on a background with the Hex color 36F029.

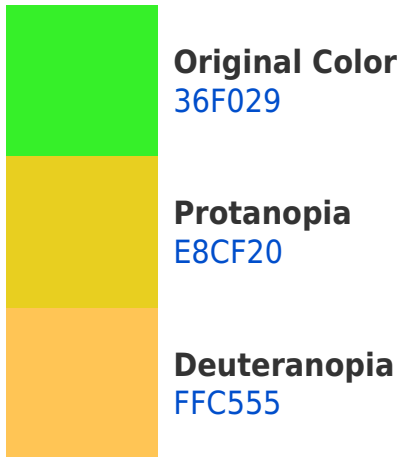


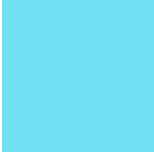
This preview shows how white text looks on a background with the Hex color 36F029.

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](#).

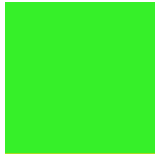
Dichromacy





Tritanopia
6FDFF1

Trichromacy



Original Color
36F029



Protanomaly
A7DB23



Deuteranomaly
B6D545

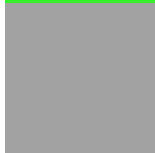


Tritanomaly
5AE5A8

Monochromacy



Original Color
36F029



Achromatopsia
A2A2A2



Achromatomaly
7BBE76

CSS Examples

Text

The CSS property to change the color of the text to Hex 36F029 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 #36F029 looks like.

```
.text, #text, p{  
    color:#36F029  
}
```

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 #36F029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36F029
}
```

Border

The CSS property to change the border of an element to Hex 36F029 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
#36F029 }
```

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

```
.border{ border-color:#36F029 }
```

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

Here you see how a box with a 4 pixel #36F029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36F029; -webkit-box-shadow:4px 4px  
4px 4px #36F029; box-shadow:4px 4px 4px  
4px #36F029 }
```

Background

The CSS property to change the background color of an element to Hex 36F029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36F029 }
```

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

```
.background{ background-color:#36F029 }
```

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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