

Converting Colors

Hex(36D61C)

Have a look what the booklet for
Hex(36D61C) contains.

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Color

Hex(36D61C)

Conversions

Conversions Part 1

Format	Color
Hex	36D61C
RGB	54, 214, 28
RGB Percent	21%, 84%, 11%
CMY	0.7882, 0.1608, 0.8902
CMYK	0.75, 0.00, 0.87, 0.16
HSL	112°, 77%, 47%
HSV	112°, 87%, 84%
XYZ	25.7775, 48.9612, 9.1905
YIQ	144.9560, -35.6540, -91.7660

Conversions

Conversions Part 2

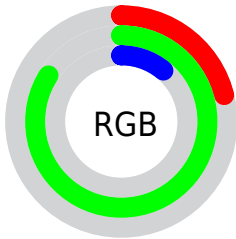
Format	Color
RYB	28, 214, 188
Decimal	3593756
CIELab	75.43, -70.44, 69.90
CIELCh	75, 99.235, 135.218
Yxy	48.9612, 0.3071, 0.5834
Android (android.graphics.Color)	4281783836 (0xFF36D61C)
YUV	144.9560, -57.6593, -79.7684
Hunter-Lab	69.9723, -56.6929, 41.1932

Details

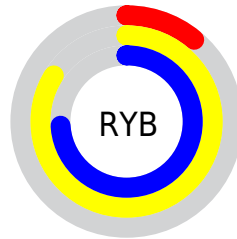
The Hex color **36D61C** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BC1CD6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7EFF5E**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **24D607**, and if you desaturate by 10%, it is **48D631**.

Distribution



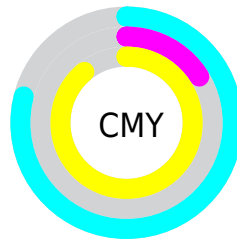
- Red (21%)
- Green (84%)
- Blue (11%)



- Red (11%)
- Yellow (84%)
- Blue (74%)



- Cyan (75%)
- Magenta (0%)
- Yellow (87%)
- Black (16%)



- Cyan (79%)
- Magenta (16%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36D61C 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 36D61C by changing the saturation by 10% instead.

 36D61C

 36D61C

FFFFFF

 00BA00

 7EFF5E

 009E00

 9EFF7A

 008200

 BDFF97

 006800

 DCFFB4

 004E00

 FCFFD1

 003600

 FFFFEE

 001B00

 000000

 36D61C

 36D61C

 24D607

 48D631

 1ED600

 5BD647

 6DD65C

 80D672

 92D687

 A4D69C

 B7D6B2

 C9D6C7

 DCD6DD

Harmonies

Analogous

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



B5C400



36D61C



00DF88

Triad

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



36D61C



00D2FF



FF4890

Complementary

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



36D61C



BC1CD6

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.



FF53EB



36D61C



00B5FF

Square

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



36D61C



00DFFF



F688FF



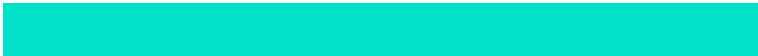
FF7837

Rectangle

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



36D61C



00E1C8



F688FF



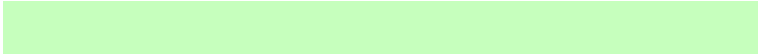
FF42AE

Sweetspot

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



36D61C



C6FFBD



D6BA1C



5E8058



000000



808080

Same Dimension

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



36D61C



24FF00



1CD65D



626B60



18AB00



062B00

Inverse Universe

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



BC1CD6



DB00FF



D61C95



6A606B



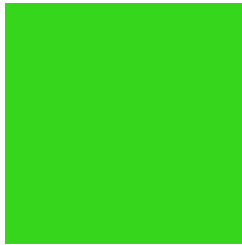
9300AB



25002B

Previews

White Background



This preview shows how the Hex color 36D61C looks on a white background.

Color Contrast Check

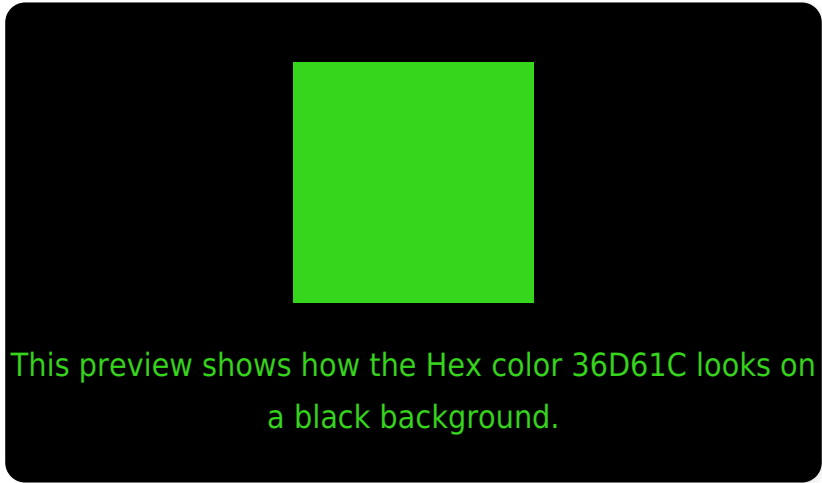
Large Text (above 18pt) WCAG AA × Fail

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 36D61C Background



This preview shows how black text looks on a background with the Hex color 36D61C.



This preview shows how white text looks on a background with the Hex color 36D61C.

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](#).

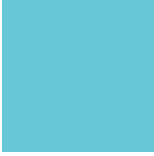
Dichromacy



Original Color
36D61C

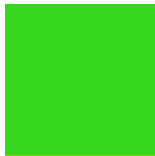
Protanopia
D0B912

Deuteranopia
E7AF35



Tritanopia
66C7D7

Trichromacy



Original Color
36D61C



Protanomaly
98C416



Deuteranomaly
A7BD2C



Tritanomaly
55CC93

Monochromacy



Original Color
36D61C



Achromatopsia
919191



Achromatomaly
70AA66

CSS Examples

Text

The CSS property to change the color of the text to Hex 36D61C 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 #36D61C looks like.

```
.text, #text, p{  
    color:#36D61C  
}
```

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 #36D61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D61C
}
```

Border

The CSS property to change the border of an element to Hex 36D61C 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
#36D61C }
```

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

```
.border{ border-color:#36D61C }
```

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

Here you see how a box with a 4 pixel #36D61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D61C; -webkit-box-shadow:4px 4px  
4px 4px #36D61C; box-shadow:4px 4px 4px  
4px #36D61C }
```

Background

The CSS property to change the background color of an element to Hex 36D61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D61C }
```

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

```
.background{ background-color:#36D61C }
```

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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