

Converting Colors

Hex(36CB60)

Have a look what the booklet for
Hex(36CB60) contains.

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Color

Hex(36CB60)

Conversions

Conversions Part 1

Format	Color
Hex	36CB60
RGB	54, 203, 96
RGB Percent	21%, 80%, 38%
CMY	0.7882, 0.2039, 0.6235
CMYK	0.73, 0.00, 0.53, 0.20
HSL	137°, 59%, 50%
HSV	137°, 73%, 80%
XYZ	24.9886, 44.3407, 18.3079
YIQ	146.2510, -54.4570, -64.8650

Conversions

Conversions Part 2

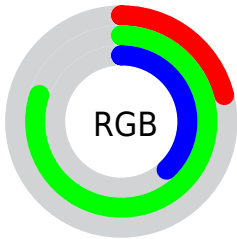
Format	Color
RYB	54, 170, 203
Decimal	3591008
CIELab	72.46, -60.96, 42.12
CIELCh	72, 74.100, 145.358
Yxy	44.3407, 0.2851, 0.5060
Android (android.graphics.Color)	4281781088 (0xFF36CB60)
YUV	146.2510, -24.7737, -80.9041
Hunter-Lab	66.5888, -49.5452, 30.3110

Details

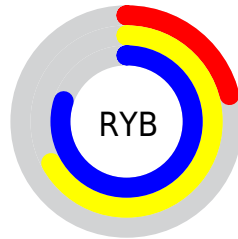
The Hex color **36CB60** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB36A1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **79FF95**, and **00932D** is the 20% darker color. If you saturate the color by 10%, you get **22CB51**, and if you desaturate by 10%, it is **4ACB6F**.

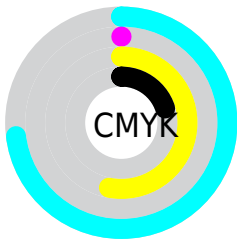
Distribution



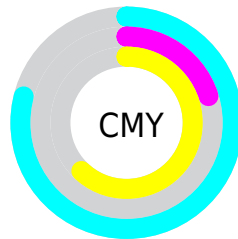
- Red (21%)
- Green (80%)
- Blue (38%)



- Red (21%)
- Yellow (67%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (53%)
- Black (20%)



- Cyan (79%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36CB60 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 36CB60 by changing the saturation by 10% instead.

 36CB60

 36CB60

FFFFFF

 00AF47

 79FF95

 00932D

 98FFB0

 007912

 B6FFCC

 005F00

 D4FFE9

 004500

 F3FFFF

 002E00

 001000

 000000

 36CB60

 36CB60

 22CB51

 4ACB6F

 0DCB43

 5FCB7D

 00CB39

 73CB8C

 87CB9A

 9CCBA9

 B0CBB7

 C4CBC6

 D8CBD5

 EDCBE3

Harmonies

Analogous

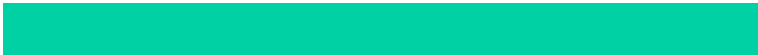
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBF24



36CB60



00D1A5

Triad

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



36CB60



00BDFE



FF757C

Complementary

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



36CB60



CB36A1

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.



FF6FBF



36CB60



9DA4FF

Square

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



36CB60



00CBFF



F985FF



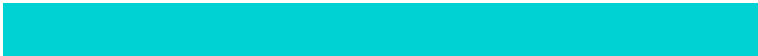
FF9041

Rectangle

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



36CB60



00D2D4



F985FF



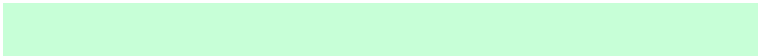
FF7092

Sweetspot

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



36CB60



C7FFD7



A3CB36



5E8068



000000



808080

Same Dimension

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



36CB60



1FFF5E



36CBA8



5C665F



00A62F



00260B

Inverse Universe

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



CB36A1



FF1FC0



CB3659



665C63



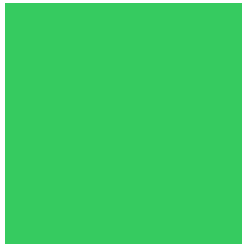
A60077



26001B

Previews

White Background



This preview shows how the Hex color 36CB60 looks on a white background.

Color Contrast Check

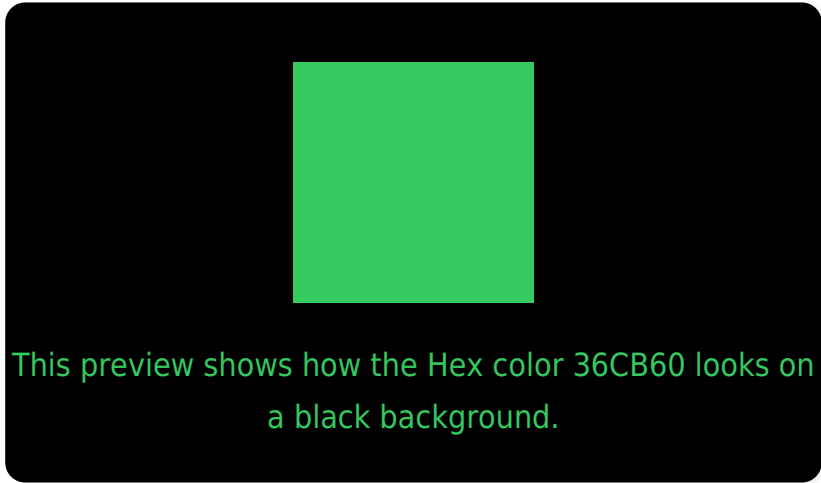
Large Text (above 18pt) WCAG AA × Fail

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

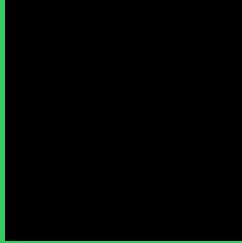
Any Text WCAG AA ✓ Pass

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 36CB60 Background



This preview shows how black text looks on a background with the Hex color 36CB60.

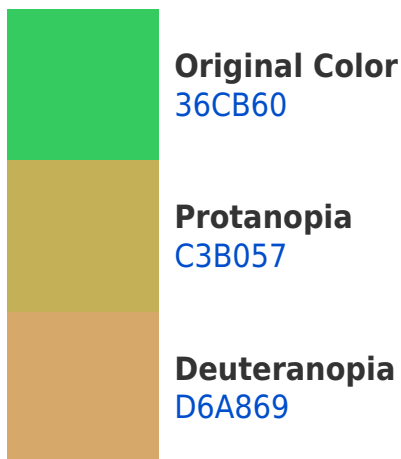


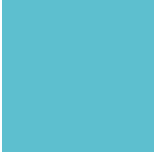
This preview shows how white text looks on a background with the Hex color 36CB60.

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
5DBFCF

Trichromacy



Original Color
36CB60



Protanomaly
90BA5A



Deuteranomaly
9CB566



Tritanomaly
4FC3A7

Monochromacy



Original Color
36CB60



Achromatopsia
929292



Achromatomaly
71A780

CSS Examples

Text

The CSS property to change the color of the text to Hex 36CB60 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 #36CB60 looks like.

```
.text, #text, p{  
    color:#36CB60  
}
```

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 #36CB60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36CB60
}
```

Border

The CSS property to change the border of an element to Hex 36CB60 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
#36CB60 }
```

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

```
.border{ border-color:#36CB60 }
```

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

Here you see how a box with a 4 pixel #36CB60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36CB60; -webkit-box-shadow:4px 4px  
4px 4px #36CB60; box-shadow:4px 4px 4px  
4px #36CB60 }
```

Background

The CSS property to change the background color of an element to Hex 36CB60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36CB60 }
```

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

```
.background{ background-color:#36CB60 }
```

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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