

Converting Colors

Hex(36C184)

Have a look what the booklet for
Hex(36C184) contains.

Hex(36C184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36C184)

Conversions

Conversions Part 1

Format	Color
Hex	36C184
RGB	54, 193, 132
RGB Percent	21%, 76%, 52%
CMY	0.7882, 0.2431, 0.4824
CMYK	0.72, 0.00, 0.32, 0.24
HSL	154°, 56%, 48%
HSV	154°, 72%, 76%
XYZ	24.7561, 40.5901, 28.3597
YIQ	144.4850, -63.2630, -48.4390

Conversions

Conversions Part 2

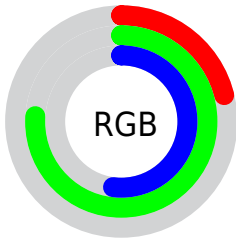
Format	Color
RYB	54, 143, 193
Decimal	3588484
CIELab	69.89, -50.89, 20.36
CIELCh	70, 54.812, 158.198
Yxy	40.5901, 0.2642, 0.4332
Android (android.graphics.Color)	4281778564 (0xFF36C184)
YUV	144.4850, -6.1551, -79.3553
Hunter-Lab	63.7104, -42.1329, 18.2053

Details

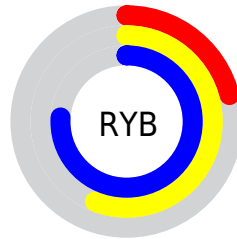
The Hex color **36C184** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C13673**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **77FAB9**, and **008A52** is the 20% darker color. If you saturate the color by 10%, you get **23C17C**, and if you desaturate by 10%, it is **49C18C**.

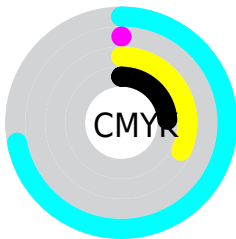
Distribution



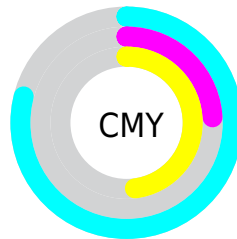
- Red (21%)
- Green (76%)
- Blue (52%)



- Red (21%)
- Yellow (56%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C184 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 36C184 by changing the saturation by 10% instead.

 36C184

 36C184

FFFFFF

 00A56B


 77FAB9

 008A52

 95FFD5

 00703B

 B3FFF2

 005624

 D0FFFF

 003E0F

 EFFFFFFF

 002800

 000000

 36C184

 36C184

 23C17C

 49C18C

■ 0FC173

■ 5DC195

■ 00C16C

■ 70C19D

■ 83C1A6

■ 97C1AE

■ AAC1B7

■ BDC1BF

■ D0C1C8

■ E4C1D0

Harmonies

Analogous

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



85B959



36C184



00C4B7

Triad

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



36C184



6AACFF



FF8970

Complementary

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



36C184



C13673

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.



FF7F9F



36C184



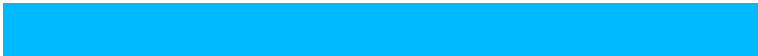
C098F9

Square

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



36C184



00BAFF



F286D1



E59B4D

Rectangle

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



36C184



00C3D8



F286D1



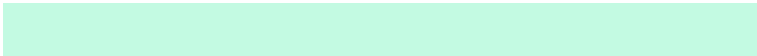
FF847F

Sweetspot

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



36C184



C3FAE2



75C136



5C7D6F



FCFCFC



7D7D7D

Same Dimension

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



36C184



23FA9C



36BAC1



57615D



00A15A



002113

Inverse Universe

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



C13673



FA2381



C13D36



61575B



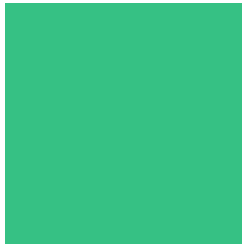
A10047



21000F

Previews

White Background



This preview shows how the Hex color 36C184 looks on a white background.

Color Contrast Check

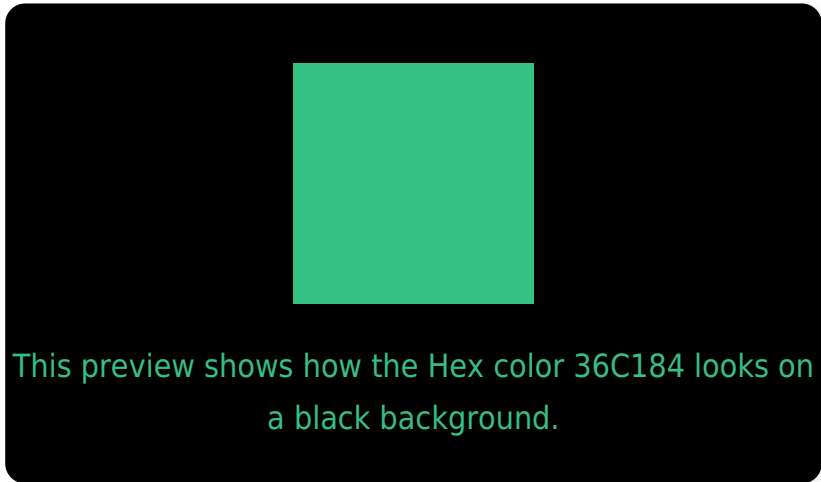
Large Text (above 18pt) WCAG AA × Fail

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

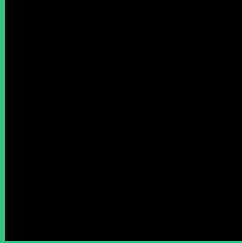
Any Text WCAG AA ✓ Pass

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 36C184 Background



This preview shows how black text looks on a background with the Hex color 36C184.

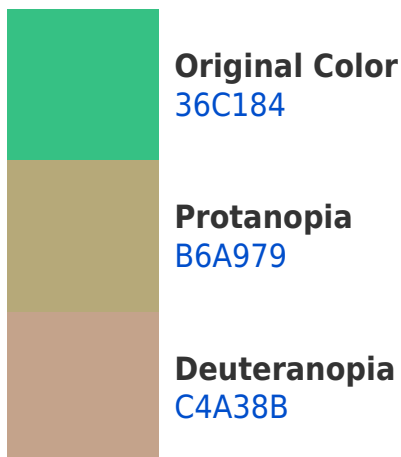


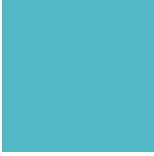
This preview shows how white text looks on a background with the Hex color 36C184.

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
53B9C7

Trichromacy



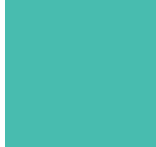
Original Color
36C184



Protanomaly
87B27D



Deuteranomaly
90AE88



Tritanomaly
48BCAF

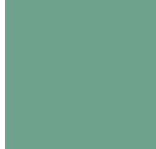
Monochromacy



Original Color
36C184



Achromatopsia
909090



Achromatomaly
6FA28C

CSS Examples

Text

The CSS property to change the color of the text to Hex 36C184 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 #36C184 looks like.

```
.text, #text, p{  
    color:#36C184  
}
```

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 #36C184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C184
}
```

Border

The CSS property to change the border of an element to Hex 36C184 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
#36C184 }
```

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

```
.border{ border-color:#36C184 }
```

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

Here you see how a box with a 4 pixel #36C184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C184; -webkit-box-shadow:4px 4px  
4px 4px #36C184; box-shadow:4px 4px 4px  
4px #36C184 }
```

Background

The CSS property to change the background color of an element to Hex 36C184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C184 }
```

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

```
.background{ background-color:#36C184 }
```

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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