

Converting Colors

Hex(36C086)

Have a look what the booklet for
Hex(36C086) contains.

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Color

Hex(36C086)

Conversions

Conversions Part 1

Format	Color
Hex	36C086
RGB	54, 192, 134
RGB Percent	21%, 75%, 53%
CMY	0.7882, 0.2471, 0.4745
CMYK	0.72, 0.00, 0.30, 0.25
HSL	155°, 56%, 48%
HSV	155°, 72%, 75%
XYZ	24.6740, 40.2048, 29.0141
YIQ	144.1260, -63.6300, -47.2940

Conversions

Conversions Part 2

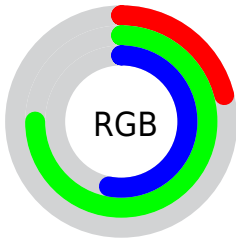
Format	Color
RYB	54, 141, 192
Decimal	3588230
CIELab	69.62, -50.07, 18.91
CIElCh	70, 53.523, 159.308
Yxy	40.2048, 0.2628, 0.4282
Android (android.graphics.Color)	4281778310 (0xFF36C086)
YUV	144.1260, -4.9921, -79.0405
Hunter-Lab	63.4072, -41.5019, 17.2549

Details

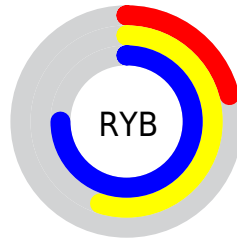
The Hex color **36C086** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C03670**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77F9BB**, and **008954** is the 20% darker color. If you saturate the color by 10%, you get **23C07E**, and if you desaturate by 10%, it is **49C08E**.

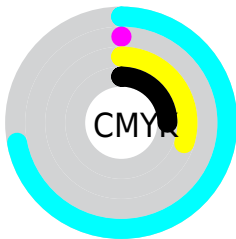
Distribution



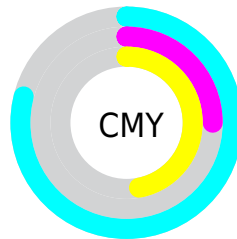
- Red (21%)
- Green (75%)
- Blue (53%)



- Red (21%)
- Yellow (55%)
- Blue (75%)



- Cyan (72%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (79%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C086 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 36C086 by changing the saturation by 10% instead.

 36C086

 36C086

FFFFFF

 00A46D

 77F9BB

 008954

 95FFD7

 006F3D

 B2FFF4

 005626

 D0FFF4

 003D11

 EEEFFF

 002700

 000000

 36C086

 36C086

 23C07E

 49C08E

 10C076

 5CC096

 00C06F

 70C09E

 83C0A6

 96C0AE

 A9C0B6

 BCC0BE

 D0C0C7

 E3C0CF

Harmonies

Analogous

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



83B95C



36C086



00C3B8

Triad

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



36C086



70AAFF



FD8A6F

Complementary

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



36C086



C03670

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.



FF809D



36C086



C197F5

Square

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



36C086



00B8FF



F186CD



E29B4E

Rectangle

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



36C086



00C2D8



F186CD



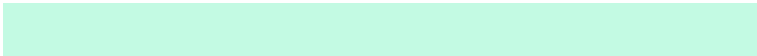
FF857D

Sweetspot

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



36C086



C3FAE3



72C036



5C7D6F



FCFCFC



7D7D7D

Same Dimension

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



36C086



23FAA0



36B7C0



57615D



00A15D



002113

Inverse Universe

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



C03670



FA237D



C03F36



61575B



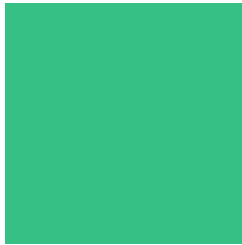
A10044



21000E

Previews

White Background



This preview shows how the Hex color 36C086 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 36C086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

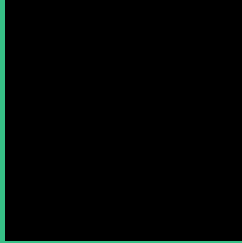
Any Text WCAG AA ✓ Pass

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 36C086 Background



This preview shows how black text looks on a background with the Hex color 36C086.

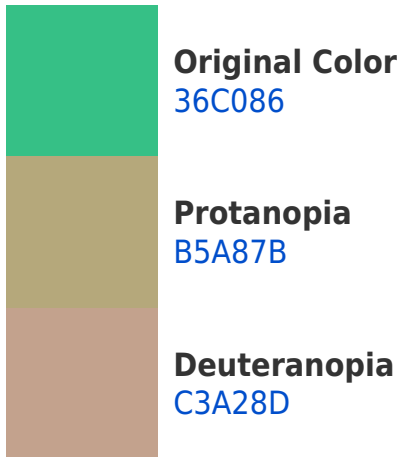


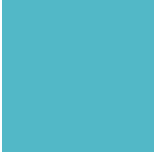
This preview shows how white text looks on a background with the Hex color 36C086.

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](#).

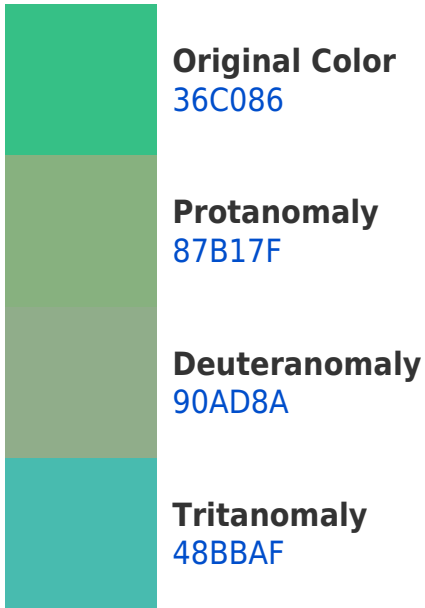
Dichromacy



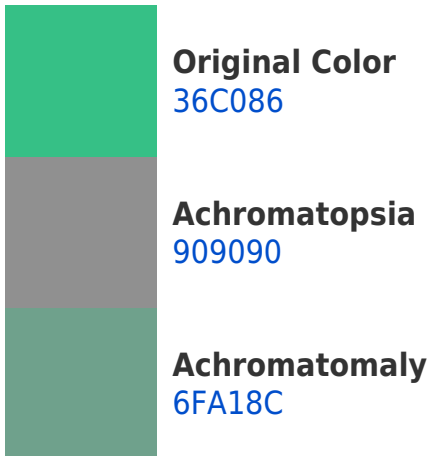


Tritanopia
52B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36C086 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 #36C086 looks like.

```
.text, #text, p{  
    color:#36C086  
}
```

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 #36C086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C086
}
```

Border

The CSS property to change the border of an element to Hex 36C086 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
#36C086 }
```

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

```
.border{ border-color:#36C086 }
```

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

Here you see how a box with a 4 pixel #36C086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C086; -webkit-box-shadow:4px 4px  
4px 4px #36C086; box-shadow:4px 4px 4px  
4px #36C086 }
```

Background

The CSS property to change the background color of an element to Hex 36C086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C086 }
```

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

```
.background{ background-color:#36C086 }
```

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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