

Converting Colors

Hex(36C290)

Have a look what the booklet for
Hex(36C290) contains.

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Color

Hex(36C290)

Conversions

Conversions Part 1

Format	Color
Hex	36C290
RGB	54, 194, 144
RGB Percent	21%, 76%, 56%
CMY	0.7882, 0.2392, 0.4353
CMYK	0.72, 0.00, 0.26, 0.24
HSL	159°, 56%, 49%
HSV	159°, 72%, 76%
XYZ	25.8471, 41.3815, 33.0107
YIQ	146.4400, -67.3900, -45.2300

Conversions

Conversions Part 2

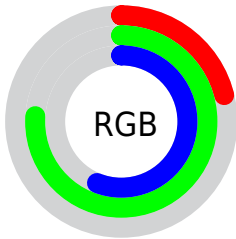
Format	Color
RYB	54, 139, 194
Decimal	3588752
CIELab	70.44, -48.66, 14.68
CIELCh	70, 50.825, 163.211
Yxy	41.3815, 0.2579, 0.4128
Android (android.graphics.Color)	4281778832 (0xFF36C290)
YUV	146.4400, -1.2029, -81.0699
Hunter-Lab	64.3284, -40.8535, 14.6047

Details

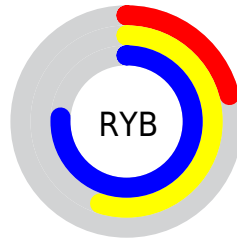
The Hex color **36C290** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C23668**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **77FBC6**, and **008B5D** is the 20% darker color. If you saturate the color by 10%, you get **23C289**, and if you desaturate by 10%, it is **49C297**.

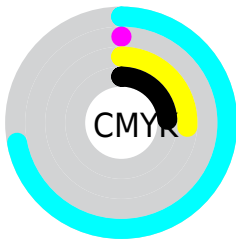
Distribution



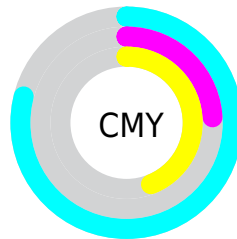
- Red (21%)
- Green (76%)
- Blue (56%)



- Red (21%)
- Yellow (55%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C290 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 36C290 by changing the saturation by 10% instead.

 36C290

 36C290

FFFFFF

 00A676

 77FBC6

 008B5D

 95FFE2

 007146

 B3FFFF

 00572F

 D1FFFF

 003F1A

 EFFFFFFF

 002900

 000300

 000000

 36C290

 36C290

■ 23C289

■ 49C297

■ 0FC282

■ 5DC29E

■ 00C27D

■ 70C2A5

■ 84C2AC

■ 97C2B3

■ AAC2BA

■ BEC2C1

■ D1C2C7

■ E5C2CE

Harmonies

Analogous

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



81BC66



36C290



00C4C0

Triad

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



36C290



84AAFF



FA906F

Complementary

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



36C290



C23668

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.



FF8699



36C290



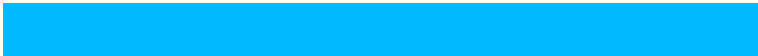
CA98F0

Square

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



36C290



00B8FF



F489C8



DDA153

Rectangle

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



36C290



00C2DE



F489C8



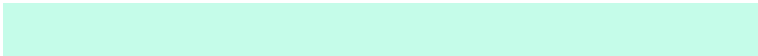
FF8B7C

Sweetspot

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



36C290



C5FCE9



69C236



5E8074



000000



808080

Same Dimension

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



36C290



21FCAE



36AFC2



57615D



00A167



002115

Inverse Universe

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



C23668



FC216F



C24936



61575B



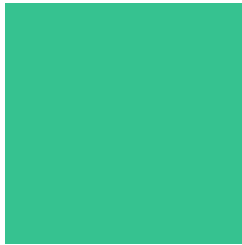
A10039



21000C

Previews

White Background



This preview shows how the Hex color 36C290 looks on a white background.

Color Contrast Check

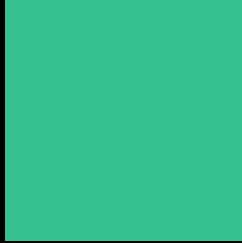
Large Text (above 18pt) WCAG AA × Fail

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 36C290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

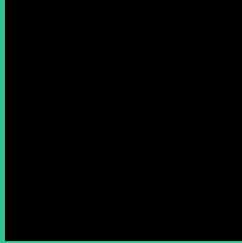
Any Text WCAG AA ✓ Pass

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 36C290 Background



This preview shows how black text looks on a background with the Hex color 36C290.

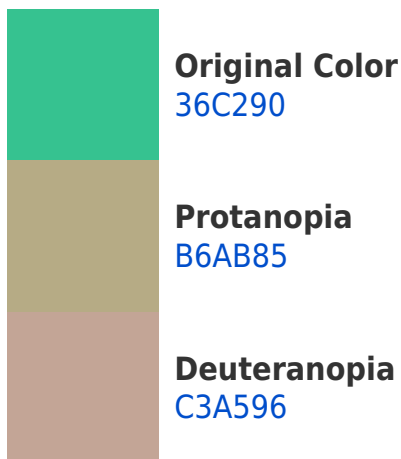


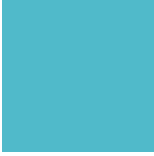
This preview shows how white text looks on a background with the Hex color 36C290.

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





Trichromacy



Original Color
36C290



Protanomaly
87B389



Deuteranomaly
90B094



Tritanomaly
47BDB5

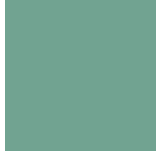
Monochromacy



Original Color
36C290



Achromatopsia
929292



Achromatomaly
71A391

CSS Examples

Text

The CSS property to change the color of the text to Hex 36C290 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 #36C290 looks like.

```
.text, #text, p{  
    color:#36C290  
}
```

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 #36C290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C290
}
```

Border

The CSS property to change the border of an element to Hex 36C290 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
#36C290 }
```

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

```
.border{ border-color:#36C290 }
```

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

Here you see how a box with a 4 pixel #36C290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C290; -webkit-box-shadow:4px 4px  
4px 4px #36C290; box-shadow:4px 4px 4px  
4px #36C290 }
```

Background

The CSS property to change the background color of an element to Hex 36C290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C290 }
```

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

```
.background{ background-color:#36C290 }
```

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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