

Converting Colors

Hex(6AC290)

Have a look what the booklet for
Hex(6AC290) contains.

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Color

Hex(6AC290)

Conversions

Conversions Part 1

Format	Color
Hex	6AC290
RGB	106, 194, 144
RGB Percent	42%, 76%, 56%
CMY	0.5843, 0.2392, 0.4353
CMYK	0.45, 0.00, 0.26, 0.24
HSL	146°, 42%, 59%
HSV	146°, 45%, 76%
XYZ	30.2697, 43.6614, 33.2177
YIQ	161.9880, -36.3980, -34.2060

Conversions

Conversions Part 2

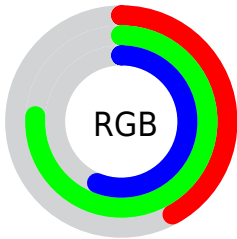
Format	Color
RYB	106, 167, 194
Decimal	6996624
CIELab	72.00, -37.87, 17.09
CIElCh	72, 41.545, 155.711
Yxy	43.6614, 0.2825, 0.4075
Android (android.graphics.Color)	4285186704 (0xFF6AC290)
YUV	161.9880, -8.8681, -49.1015
Hunter-Lab	66.0767, -33.8636, 16.4478

Details

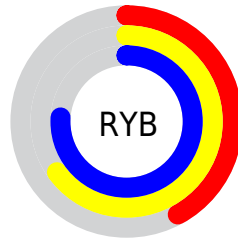
The Hex color **6AC290** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C26A9C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A1FBC6**, and **328C5D** is the 20% darker color. If you saturate the color by 10%, you get **57C285**, and if you desaturate by 10%, it is **7DC29B**.

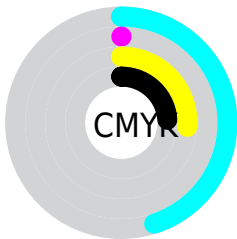
Distribution



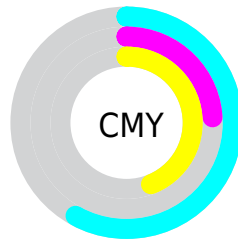
- Red (42%)
- Green (76%)
- Blue (56%)



- Red (42%)
- Yellow (65%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC290 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 6AC290 by changing the saturation by 10% instead.



6AC290



6AC290

FFFFFF



4FA676



A1FBC6



328C5D



BEFFE2



0E7246



DBFFFF



00592F



F8FFFF



004019



002A00



000D00



000000



6AC290



6AC290

 57C285

 7DC29B

 43C27A

 91C2A6

 30C26F

 A4C2B1

 1CC264

 B8C2BC

 09C259

 CBC2C7

 00C254

 DEC2D2

 F2C2DD

 FFC2E8

 FFC2F3

Harmonies

Analogous

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



99BB71



6AC290



2AC5B7

Triad

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



6AC290



84B2FC



F69786

Complementary

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



6AC290



C26A9C

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.



F992AB



6AC290



BEA4EE

Square

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



6AC290



36BDF5



E697D0



E2A36C

Rectangle

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



6AC290



00C4D0



E697D0



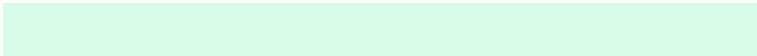
F99592

Sweetspot

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



6AC290



D9FCE8



9DC26A



6A8073



000000



808080

Same Dimension

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



6AC290



74FCAF



6AC2BB



57615B



00A145



00210E

Inverse Universe

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



C26A9C



FC74C2



C26A71



61575D



A1005B



210013

Previews

White Background



This preview shows how the Hex color 6AC290 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 6AC290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

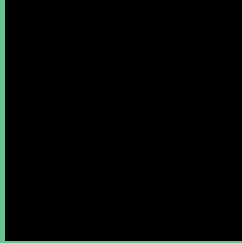
Any Text WCAG AA ✓ Pass

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 6AC290 Background



This preview shows how black text looks on a background with the Hex color 6AC290.

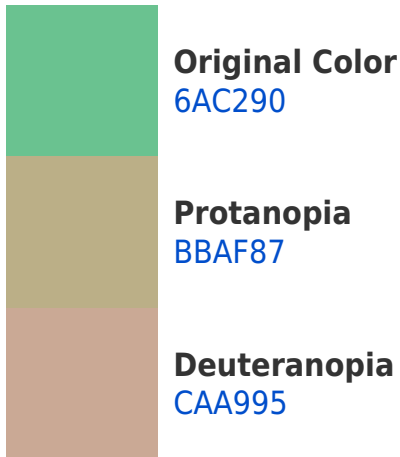


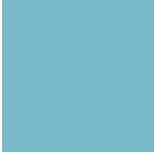
This preview shows how white text looks on a background with the Hex color 6AC290.

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
78BAC9

Trichromacy



Original Color
6AC290



Protanomaly
9EB68A



Deuteranomaly
A7B293



Tritanomaly
73BDB4

Monochromacy



Original Color
6AC290



Achromatopsia
A2A2A2



Achromatomaly
8EAE9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC290 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 #6AC290 looks like.

```
.text, #text, p{  
    color:#6AC290  
}
```

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 #6AC290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC290
}
```

Border

The CSS property to change the border of an element to Hex 6AC290 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
#6AC290 }
```

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

```
.border{ border-color:#6AC290 }
```

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

Here you see how a box with a 4 pixel #6AC290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC290; -webkit-box-shadow:4px 4px  
4px 4px #6AC290; box-shadow:4px 4px 4px  
4px #6AC290 }
```

Background

The CSS property to change the background color of an element to Hex 6AC290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC290 }
```

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

```
.background{ background-color:#6AC290 }
```

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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