

Converting Colors

Hex(62C286)

Have a look what the booklet for
Hex(62C286) contains.

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Color

Hex(62C286)

Conversions

Conversions Part 1

Format	Color
Hex	62C286
RGB	98, 194, 134
RGB Percent	38%, 76%, 53%
CMY	0.6157, 0.2392, 0.4745
CMYK	0.49, 0.00, 0.31, 0.24
HSL	142°, 44%, 57%
HSV	142°, 49%, 76%
XYZ	28.6319, 42.9015, 29.3260
YIQ	158.4560, -37.9560, -39.0120

Conversions

Conversions Part 2

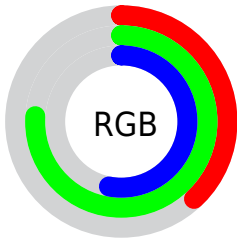
Format	Color
RYB	98, 168, 194
Decimal	6472326
CIELab	71.49, -41.93, 21.68
CIElCh	71, 47.201, 152.655
Yxy	42.9015, 0.2839, 0.4254
Android (android.graphics.Color)	4284662406 (0xFF62C286)
YUV	158.4560, -12.0568, -53.0199
Hunter-Lab	65.4992, -36.5954, 19.3035

Details

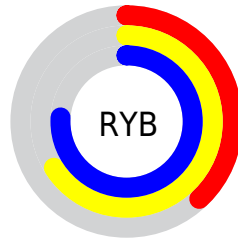
The Hex color **62C286** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C2629E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9AFBBB**, and **278C54** is the 20% darker color. If you saturate the color by 10%, you get **4FC27A**, and if you desaturate by 10%, it is **75C292**.

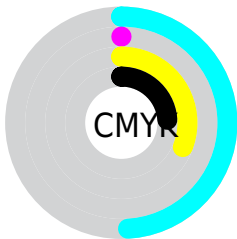
Distribution



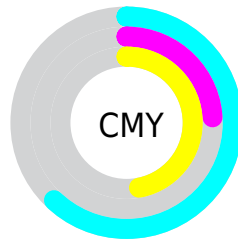
- Red (38%)
- Green (76%)
- Blue (53%)



- Red (38%)
- Yellow (66%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62C286 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 62C286 by changing the saturation by 10% instead.

 62C286

 62C286

FFFFFF

 46A66C

 9AFBBB

 278C54

 B6FFD7

 00713C

 D3FFF4

 005826

 F1FFFF

 004010

 002A00

 000A00

 000000

 62C286

 62C286

 4FC27A

 75C292

 3BC26E

 89C29E

 28C262

 9CC2AA

 14C256

 B0C2B6

 01C249

 C3C2C3

 00C249

 D6C2CF

 EAC2DB

 FDC2E7

 FFC2F3

Harmonies

Analogous

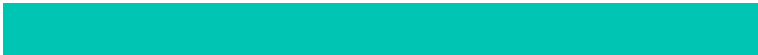
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99BA64



62C286



00C5B2

Triad

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



62C286



6FB2FF



FE9183

Complementary

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



62C286



C2629E

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.



FF8CAD



62C286



B8A2F8

Square

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



62C286



00BEFB



E893D7



E99F63

Rectangle

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



62C286



00C5CF



E893D7



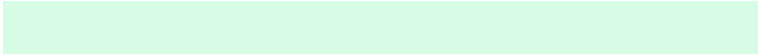
FF8E90

Sweetspot

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



62C286



D7FCE5



9FC262



698071



000000



808080

Same Dimension

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



62C286



68FC9F



62C2B5



57615B



00A13C



00210C

Inverse Universe

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



C2629E



FC68C5



C2626F



61575D



A10064



210015

Previews

White Background



This preview shows how the Hex color 62C286 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 62C286 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 62C286 Background



This preview shows how black text looks on a background with the Hex color 62C286.

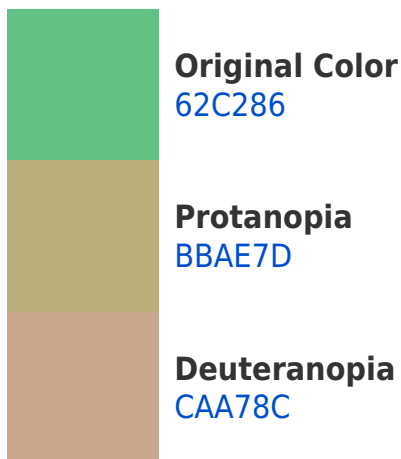


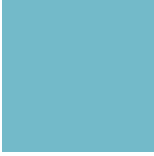
This preview shows how white text looks on a background with the Hex color 62C286.

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
73BAC9

Trichromacy



Original Color
62C286



Protanomaly
9BB580



Deuteranomaly
A4B18A



Tritanomaly
6DBDB1

Monochromacy



Original Color
62C286



Achromatopsia
9E9E9E



Achromatomaly
88AB95

CSS Examples

Text

The CSS property to change the color of the text to Hex 62C286 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 #62C286 looks like.

```
.text, #text, p{  
    color:#62C286  
}
```

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 #62C286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C286
}
```

Border

The CSS property to change the border of an element to Hex 62C286 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
#62C286 }
```

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

```
.border{ border-color:#62C286 }
```

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

Here you see how a box with a 4 pixel #62C286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C286; -webkit-box-shadow:4px 4px  
4px 4px #62C286; box-shadow:4px 4px 4px  
4px #62C286 }
```

Background

The CSS property to change the background color of an element to Hex 62C286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C286 }
```

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

```
.background{ background-color:#62C286 }
```

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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