

Converting Colors

Hex(60D284)

Have a look what the booklet for
Hex(60D284) contains.

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Color

Hex(60D284)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60D284 |
| RGB | 96, 210, 132 |
| RGB Percent | 38%, 82%, 52% |
| CMY | 0.6235, 0.1765, 0.4824 |
| CMYK | 0.54, 0.00, 0.37, 0.18 |
| HSL | 139°, 56%, 60% |
| HSV | 139°, 54%, 82% |
| XYZ | 32.0353, 50.2459, 29.8398 |
| YIQ | 167.0220, -42.9060, -48.4260 |

Conversions

Conversions Part 2

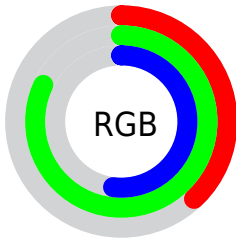
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 183, 210 |
| Decimal | 6345348 |
| CIELab | 76.22, -49.54, 29.09 |
| CIELCh | 76, 57.446, 149.577 |
| Yxy | 50.2459, 0.2857, 0.4481 |
| Android (android.graphics.Color) | 4284535428 (0xFF60D284) |
| YUV | 167.0220, -17.2658, -62.2863 |
| Hunter-Lab | 70.8844, -43.3767, 24.6601 |

Details

The Hex color **60D284** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D260AE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9AFFBA**, and **1D9A52** is the 20% darker color. If you saturate the color by 10%, you get **4BD276**, and if you desaturate by 10%, it is **75D292**.

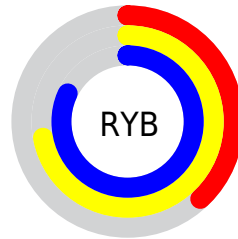
Distribution



Red (38%)

Green (82%)

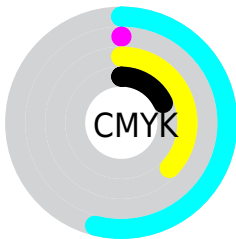
Blue (52%)



Red (38%)

Yellow (72%)

Blue (82%)

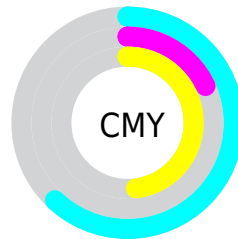


Cyan (54%)

Magenta (0%)

Yellow (37%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D284 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 60D284 by changing the saturation by 10% instead.

 60D284

 60D284

FFFFFF

 42B66A

 9AFFBA

 1D9A52

 B7FFD6

 00803A

 D5FFF2

 006622

 F2FFFF

 004D0A

 003500

 001E00

 000000

 60D284

 60D284

 4BD276

 75D292

 36D267

 8AD2A1

 21D259

 9FD2AF

 0CD24B

 B4D2BD

 00D242

 C9D2CC

 DED2DA

 F3D2E9

 FFD2F7

 FFD2FF

Harmonies

Analogous

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



A6C85B



60D284



00D6B9

Triad

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



60D284



51C2FF



FF948B

Complementary

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



60D284



D260AE

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.



FF8EBF



60D284



BDAEFF

Square

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



60D284



00CFFF



FC9AF3



FFA561

Rectangle

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



60D284



00D7DE



FC9AF3



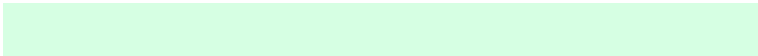
FF909B

Sweetspot

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



60D284



D6FFE3



B0D260



67806F



000000



808080

Same Dimension

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



60D284



59FF8E



60D2BB



5E6961



00A835



00290D

Inverse Universe

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



D260AE



FF59CB



D26077



695E65



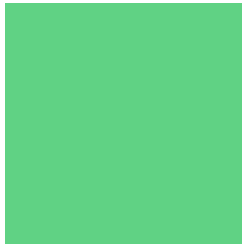
A80073



29001C

Previews

White Background



This preview shows how the Hex color 60D284 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 60D284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

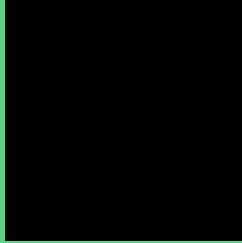
Any Text WCAG AA ✓ Pass

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 60D284 Background



This preview shows how black text looks on a background with the Hex color 60D284.

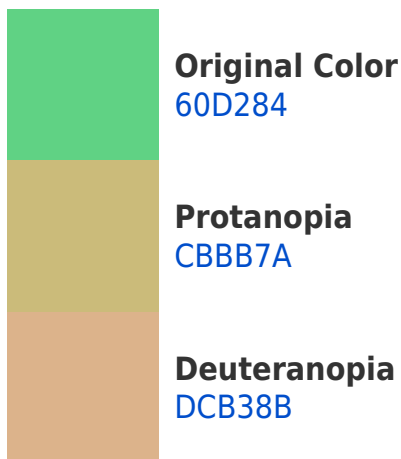


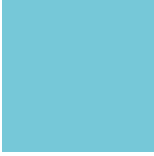
This preview shows how white text looks on a background with the Hex color 60D284.

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
76C8D8

Trichromacy



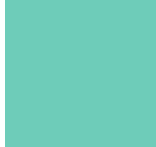
Original Color
60D284



Protanomaly
A4C37E



Deuteranomaly
AFBE88



Tritanomaly
6ECCB9

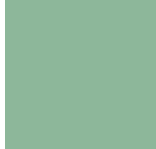
Monochromacy



Original Color
60D284



Achromatopsia
A7A7A7



Achromatomaly
8DB79A

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D284 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 #60D284 looks like.

```
.text, #text, p{  
    color:#60D284  
}
```

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 #60D284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D284
}
```

Border

The CSS property to change the border of an element to Hex 60D284 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
#60D284 }
```

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

```
.border{ border-color:#60D284 }
```

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

Here you see how a box with a 4 pixel #60D284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D284; -webkit-box-shadow:4px 4px  
4px 4px #60D284; box-shadow:4px 4px 4px  
4px #60D284 }
```

Background

The CSS property to change the background color of an element to Hex 60D284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D284 }
```

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

```
.background{ background-color:#60D284 }
```

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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