

Converting Colors

Hex(60D287)

Have a look what the booklet for
Hex(60D287) contains.

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Color

Hex(60D287)

Conversions

Conversions Part 1

Format	Color
Hex	60D287
RGB	96, 210, 135
RGB Percent	38%, 82%, 53%
CMY	0.6235, 0.1765, 0.4706
CMYK	0.54, 0.00, 0.36, 0.18
HSL	141°, 56%, 60%
HSV	141°, 54%, 82%
XYZ	32.2436, 50.3293, 30.9368
YIQ	167.3640, -43.8690, -47.4930

Conversions

Conversions Part 2

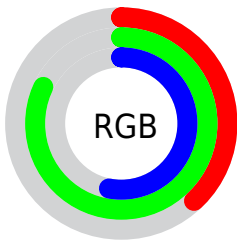
Format	Color
RYB	96, 181, 210
Decimal	6345351
CIELab	76.27, -49.00, 27.61
CIELCh	76, 56.244, 150.606
Yxy	50.3293, 0.2841, 0.4434
Android (android.graphics.Color)	4284535431 (0xFF60D287)
YUV	167.3640, -15.9555, -62.5862
Hunter-Lab	70.9431, -43.0222, 23.8051

Details

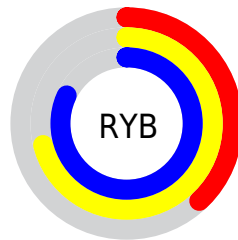
The Hex color **60D287** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D260AB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AFFBD**, and **1D9B54** is the 20% darker color. If you saturate the color by 10%, you get **4BD279**, and if you desaturate by 10%, it is **75D295**.

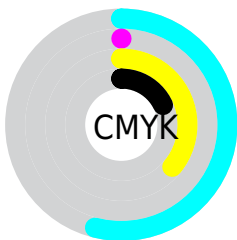
Distribution



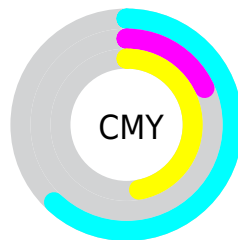
- Red (38%)
- Green (82%)
- Blue (53%)



- Red (38%)
- Yellow (71%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D287 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 60D287 by changing the saturation by 10% instead.

 60D287

 60D287

FFFFFF

 42B66D

 9AFFBD

 1D9B54

 B7FFD9

 00803C

 D4FFF5

 006625

 F2FFFF

 004D0E

 003500

 001E00

 000000

 60D287

 60D287

 4BD279

 75D295

 36D26B

 8AD2A3

 21D25E

 9FD2B0

 0CD250

 B4D2BE

 00D248

 C9D2CC

 DED2DA

 F3D2E8

 FFD2F6

 FFD2FF

Harmonies

Analogous

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



A4C95F



60D287



00D6BC

Triad

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



60D287



5CC1FF



FF958A

Complementary

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



60D287



D260AB

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.



FF90BD



60D287



C0AEFF

Square

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



60D287



00CFFF



FD9AF0



FFA762

Rectangle

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



60D287



00D6DF



FD9AF0



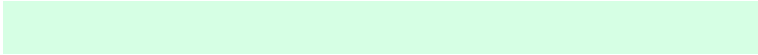
FF929A

Sweetspot

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



60D287



D6FFE4



ACD260



678070



000000



808080

Same Dimension

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



60D287



59FF92



60D2BF



5E6962



00A83A



00290E

Inverse Universe

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



D260AB



FF59C6



D26073



695E65



A8006F



29001B

Previews

White Background



This preview shows how the Hex color 60D287 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 60D287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

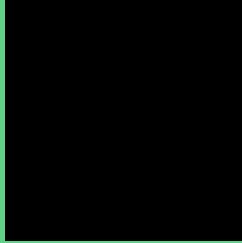
Any Text WCAG AA ✓ Pass

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 60D287 Background



This preview shows how black text looks on a background with the Hex color 60D287.

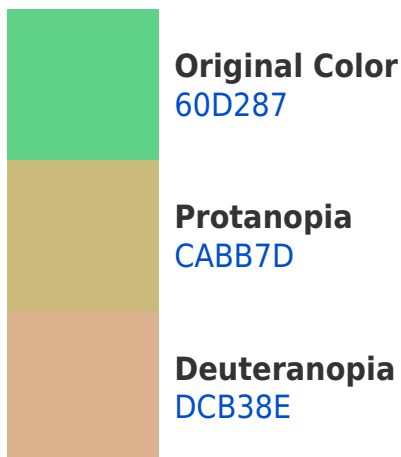


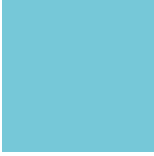
This preview shows how white text looks on a background with the Hex color 60D287.

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
60D287



Protanomaly
A3C381



Deuteranomaly
AFBE8B



Tritanomaly
6ECCBB

Monochromacy



Original Color
60D287



Achromatopsia
A7A7A7



Achromatomaly
8DB79B

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D287 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 #60D287 looks like.

```
.text, #text, p{  
    color:#60D287  
}
```

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 #60D287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D287
}
```

Border

The CSS property to change the border of an element to Hex 60D287 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
#60D287 }
```

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

```
.border{ border-color:#60D287 }
```

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

Here you see how a box with a 4 pixel #60D287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D287; -webkit-box-shadow:4px 4px  
4px 4px #60D287; box-shadow:4px 4px 4px  
4px #60D287 }
```

Background

The CSS property to change the background color of an element to Hex 60D287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D287 }
```

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

```
.background{ background-color:#60D287 }
```

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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