

Converting Colors

Hex(60D273)

Have a look what the booklet for
Hex(60D273) contains.

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Color

Hex(60D273)

Conversions

Conversions Part 1

Format	Color
Hex	60D273
RGB	96, 210, 115
RGB Percent	38%, 82%, 45%
CMY	0.6235, 0.1765, 0.5490
CMYK	0.54, 0.00, 0.45, 0.18
HSL	130°, 56%, 60%
HSV	130°, 54%, 82%
XYZ	30.9650, 49.8178, 24.2034
YIQ	165.0840, -37.4490, -53.7130

Conversions

Conversions Part 2

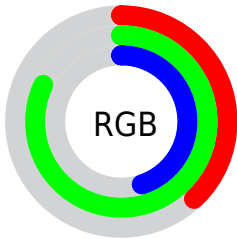
Format	Color
RYB	96, 194, 210
Decimal	6345331
CIELab	75.96, -52.32, 37.39
CIELCh	76, 64.312, 144.448
Yxy	49.8178, 0.2949, 0.4745
Android (android.graphics.Color)	4284535411 (0xFF60D273)
YUV	165.0840, -24.6914, -60.5867
Hunter-Lab	70.5817, -45.2081, 29.0759

Details

The Hex color **60D273** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D260BF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9AFFA8**, and **1B9A41** is the 20% darker color. If you saturate the color by 10%, you get **4BD261**, and if you desaturate by 10%, it is **75D284**.

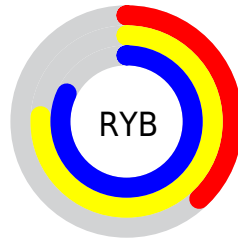
Distribution



Red (38%)

Green (82%)

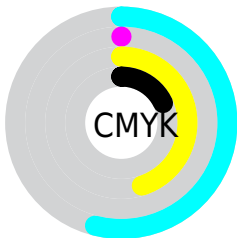
Blue (45%)



Red (38%)

Yellow (76%)

Blue (82%)

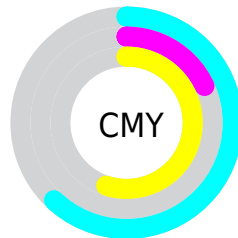


Cyan (54%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D273 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 60D273 by changing the saturation by 10% instead.

 60D273

 60D273

FFFFFF

 41B659

 9AFFA8

 1B9A41

 B7FFC4

 008028

 D5FFE0

 00660E

 F3FFFD

 004D00

 003500

 001D00

 000000

 60D273

 60D273

 4BD261

 75D284

 36D250

 8AD296

 21D23E

 9FD2A7

 0CD22D

 B4D2B9

 00D223

 C9D2CB

 DED2DC

 F3D2ED

 FFD2FF

Harmonies

Analogous

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



ACC647



60D273



00D8AE

Triad

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



60D273



00C5FF



FF8A8E

Complementary

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



60D273



D260BF

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.



FF87C9



60D273



ABB0FF

Square

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



60D273



00D2FF



F997FF



FF9E5B

Rectangle

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



60D273



00D8D7



F997FF



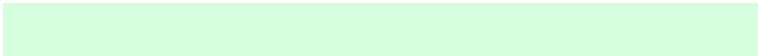
FF86A1

Sweetspot

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



60D273



D6FFDD



BFD260



67806B



000000



808080

Same Dimension

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



60D273



59FF75



60D2AC



5E6960



00A81C



002907

Inverse Universe

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



D260BF



FF59E3



D26086



695E67



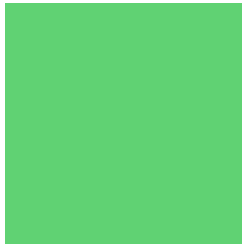
A8008C



290022

Previews

White Background



This preview shows how the Hex color 60D273 looks on a white background.

Color Contrast Check

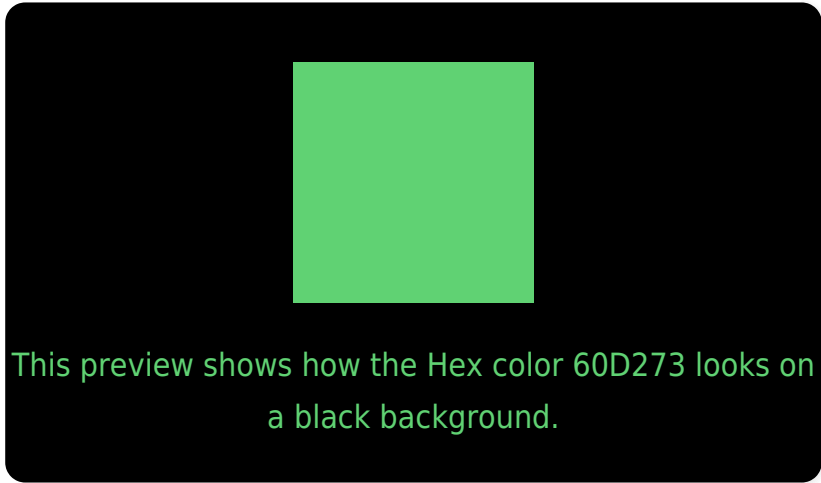
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

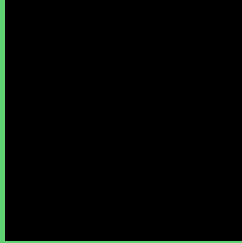
Any Text WCAG AA ✓ Pass

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 60D273 Background



This preview shows how black text looks on a background with the Hex color 60D273.

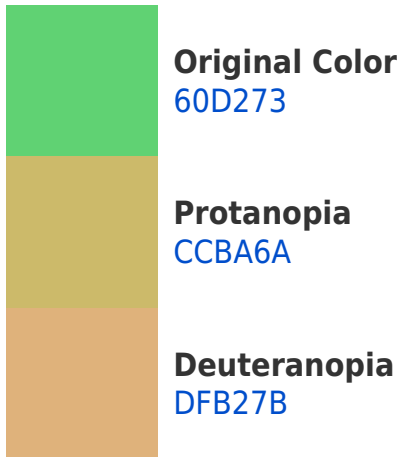


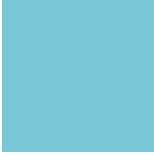
This preview shows how white text looks on a background with the Hex color 60D273.

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
78C7D7

Trichromacy



Original Color
60D273



Protanomaly
A5C36D



Deuteranomaly
B1BE78



Tritanomaly
6FCBB3

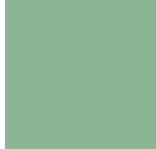
Monochromacy



Original Color
60D273



Achromatopsia
A5A5A5



Achromatomaly
8CB593

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D273 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 #60D273 looks like.

```
.text, #text, p{  
    color:#60D273  
}
```

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 #60D273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D273
}
```

Border

The CSS property to change the border of an element to Hex 60D273 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
#60D273 }
```

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

```
.border{ border-color:#60D273 }
```

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

Here you see how a box with a 4 pixel #60D273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D273; -webkit-box-shadow:4px 4px  
4px 4px #60D273; box-shadow:4px 4px 4px  
4px #60D273 }
```

Background

The CSS property to change the background color of an element to Hex 60D273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D273 }
```

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

```
.background{ background-color:#60D273 }
```

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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