

Converting Colors

Hex(60DC71)

Have a look what the booklet for
Hex(60DC71) contains.

Hex(60DC71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60DC71)

Conversions

Conversions Part 1

Format	Color
Hex	60DC71
RGB	96, 220, 113
RGB Percent	38%, 86%, 44%
CMY	0.6235, 0.1373, 0.5569
CMYK	0.56, 0.00, 0.49, 0.14
HSL	128°, 64%, 62%
HSV	128°, 56%, 86%
XYZ	33.3977, 54.8654, 24.4526
YIQ	170.7260, -39.5570, -59.5650

Conversions

Conversions Part 2

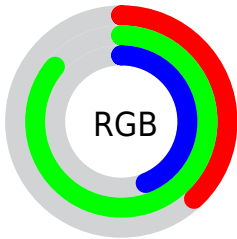
Format	Color
RYB	96, 205, 220
Decimal	6347889
CIELab	78.96, -56.50, 42.16
CIELCh	79, 70.497, 143.267
Yxy	54.8654, 0.2963, 0.4868
Android (android.graphics.Color)	4284537969 (0xFF60DC71)
YUV	170.7260, -28.4589, -65.5347
Hunter-Lab	74.0712, -49.1414, 32.2768

Details

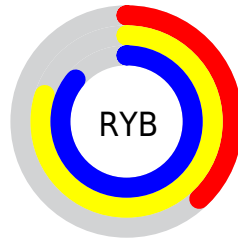
The Hex color **60DC71** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DC60CB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9CFFA7**, and **15A43E** is the 20% darker color. If you saturate the color by 10%, you get **4ADC5E**, and if you desaturate by 10%, it is **76DC84**.

Distribution



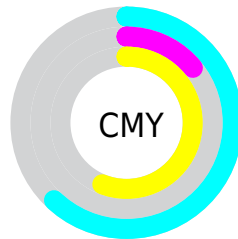
- Red (38%)
- Green (86%)
- Blue (44%)



- Red (38%)
- Yellow (80%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)



- Cyan (62%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60DC71 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 60DC71 by changing the saturation by 10% instead.

 60DC71

 60DC71

FFFFFF

 40C057

 9CFFA7

 15A43E

 B9FFC2

 008924

 D7FFDF

 006E06

 F5FFFC

 005500

 003C00

 002500

 000000

 60DC71

 60DC71

 4ADC5E

 76DC84

 34DC4B

 8CDC97

 1EDC38

 A2DCAA

 08DC25

 B8DCBD

 00DC1E

 CEDCD0

 E4DCE3

 FADCF6

 FFDCFF

Harmonies

Analogous

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



B4CF40



60DC71



00E2B2

Triad

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



60DC71



00CFFF



FF8B94

Complementary

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



60DC71



DC60CB

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.



FF88D5



60DC71



ABB8FF

Square

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



60DC71



00DDFF



FF9CFF



FFA15B

Rectangle

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



60DC71



00E3E0



FF9CFF



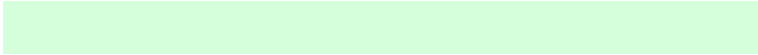
FF87A9

Sweetspot

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



60DC71



D4FFDA



CBDC60



668069



000000



808080

Same Dimension

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



60DC71



52FF69



60DCAF



636E64



00AD18



002E06

Inverse Universe

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



DC60CB



FF52E7



DC608D



6E636C



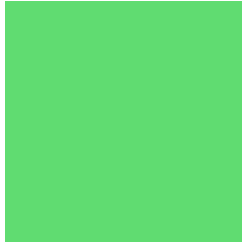
AD0096



2E0028

Previews

White Background



This preview shows how the Hex color 60DC71 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 60DC71 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

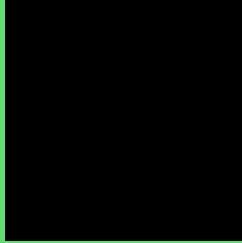
Any Text WCAG AA ✓ Pass

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 60DC71 Background



This preview shows how black text looks on a background with the Hex color 60DC71.

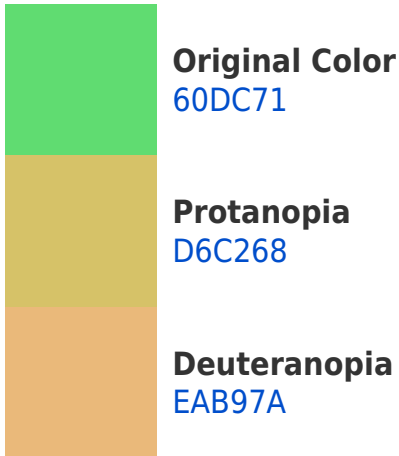


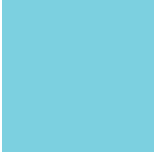
This preview shows how white text looks on a background with the Hex color 60DC71.

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
7CD0E0

Trichromacy



Original Color
60DC71



Protanomaly
ABCB6B



Deuteranomaly
B8C677

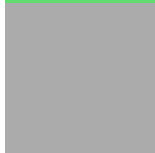


Tritanomaly
72D4B8

Monochromacy



Original Color
60DC71



Achromatopsia
ABABAB



Achromatomaly
90BD96

CSS Examples

Text

The CSS property to change the color of the text to Hex 60DC71 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 #60DC71 looks like.

```
.text, #text, p{  
    color:#60DC71  
}
```

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 #60DC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60DC71
}
```

Border

The CSS property to change the border of an element to Hex 60DC71 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
#60DC71 }
```

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

```
.border{ border-color:#60DC71 }
```

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

Here you see how a box with a 4 pixel #60DC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60DC71; -webkit-box-shadow:4px 4px  
4px 4px #60DC71; box-shadow:4px 4px 4px  
4px #60DC71 }
```

Background

The CSS property to change the background color of an element to Hex 60DC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60DC71 }
```

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

```
.background{ background-color:#60DC71 }
```

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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