

Converting Colors

Hex(60DE8A)

Have a look what the booklet for
Hex(60DE8A) contains.

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Color

Hex(60DE8A)

Conversions

Conversions Part 1

Format	Color
Hex	60DE8A
RGB	96, 222, 138
RGB Percent	38%, 87%, 54%
CMY	0.6235, 0.1294, 0.4588
CMYK	0.57, 0.00, 0.38, 0.13
HSL	140°, 66%, 62%
HSV	140°, 57%, 87%
XYZ	35.5326, 56.5643, 33.0900
YIQ	174.7500, -48.1320, -52.8360

Conversions

Conversions Part 2

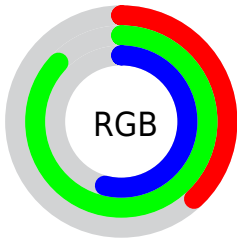
Format	Color
RYB	96, 191, 222
Decimal	6348426
CIELab	79.93, -53.32, 30.94
CIElCh	80, 61.643, 149.875
Yxy	56.5643, 0.2838, 0.4518
Android (android.graphics.Color)	4284538506 (0xFF60DE8A)
YUV	174.7500, -18.1178, -69.0637
Hunter-Lab	75.2093, -47.2839, 26.5605

Details

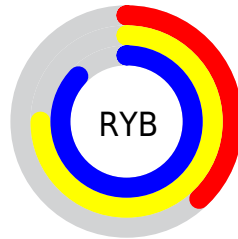
The Hex color **60DE8A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DE60B4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9BFFC0**, and **16A657** is the 20% darker color. If you saturate the color by 10%, you get **4ADE7B**, and if you desaturate by 10%, it is **76DE99**.

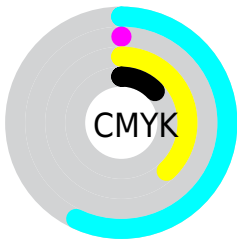
Distribution



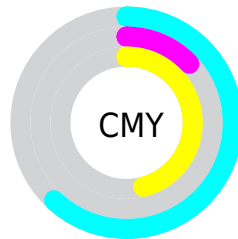
- Red (38%)
- Green (87%)
- Blue (54%)



- Red (38%)
- Yellow (75%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (62%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60DE8A 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 60DE8A by changing the saturation by 10% instead.

 60DE8A

 60DE8A


FFFFFF

 40C270

 9BFFC0

 16A657

 B9FFDC

 008B3F

 D7FFF9

 007027

 F5FFFF

 00570F

 003E00

 002800

 000000

 60DE8A

 60DE8A

 4ADE7B

 76DE99

 34DE6C

 8CDEA8

 1DDE5E

 A3DEB6

 07DE4F

 B9DEC5

 00DE4A

 CFDED4

 E5DEE3

 FBDEF2

 FFDEFF

Harmonies

Analogous

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



ADD45D



60DE8A



00E3C4

Triad

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



60DE8A



4ECCFF



FF9A90

Complementary

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



60DE8A



DE60B4

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.



FF94C9



60DE8A



C8B7FF

Square

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



60DE8A



00DBFF



FFA1FF



FFAE63

Rectangle

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



60DE8A



00E3EB



FFA1FF



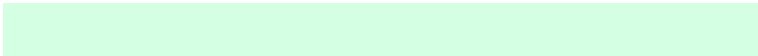
FF96A2

Sweetspot

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



60DE8A



D4FFE2



B4DE60



66806E



000000



808080

Same Dimension

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



60DE8A



52FF8B



60DEC7



657069



00B03B



003010

Inverse Universe

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



DE60B4



FF52C5



DE6075



70656C



B00075



300020

Previews

White Background



This preview shows how the Hex color 60DE8A looks on a white background.

Color Contrast Check

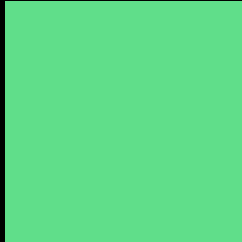
Large Text (above 18pt) WCAG AA × Fail

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 60DE8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

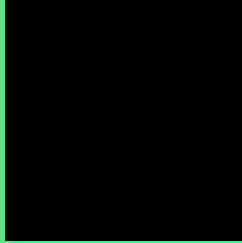
Any Text WCAG AA ✓ Pass

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 60DE8A Background



This preview shows how black text looks on a background with the Hex color 60DE8A.

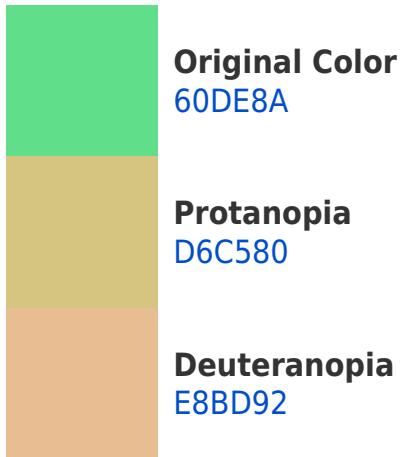


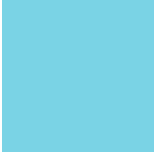
This preview shows how white text looks on a background with the Hex color 60DE8A.

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
79D3E4

Trichromacy



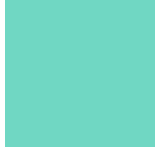
Original Color
60DE8A



Protanomaly
ABCE84



Deuteranomaly
B7C98F



Tritanomaly
70D7C3

Monochromacy



Original Color
60DE8A



Achromatopsia
AFAFAF



Achromatomaly
92C0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 60DE8A 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 #60DE8A looks like.

```
.text, #text, p{  
    color:#60DE8A  
}
```

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 #60DE8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60DE8A
}
```

Border

The CSS property to change the border of an element to Hex 60DE8A 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
#60DE8A }
```

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

```
.border{ border-color:#60DE8A }
```

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

Here you see how a box with a 4 pixel #60DE8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60DE8A; -webkit-box-shadow:4px 4px  
4px 4px #60DE8A; box-shadow:4px 4px 4px  
4px #60DE8A }
```

Background

The CSS property to change the background color of an element to Hex 60DE8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60DE8A }
```

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

```
.background{ background-color:#60DE8A }
```

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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