

Converting Colors

Hex(6DE2A4)

Have a look what the booklet for
Hex(6DE2A4) contains.

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Color

Hex(6DE2A4)

Conversions

Conversions Part 1

Format	Color
Hex	6DE2A4
RGB	109, 226, 164
RGB Percent	43%, 89%, 64%
CMY	0.5725, 0.1137, 0.3569
CMYK	0.52, 0.00, 0.27, 0.11
HSL	148°, 67%, 66%
HSV	148°, 52%, 89%
XYZ	40.2039, 60.3243, 44.6467
YIQ	183.9490, -49.8300, -44.0860

Conversions

Conversions Part 2

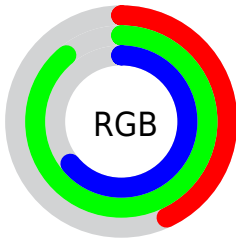
Format	Color
RYB	109, 189, 226
Decimal	7201444
CIELab	82.01, -47.14, 20.41
CIElCh	82, 51.371, 156.596
Yxy	60.3243, 0.2769, 0.4155
Android (android.graphics.Color)	4285391524 (0xFF6DE2A4)
YUV	183.9490, -9.8349, -65.7303
Hunter-Lab	77.6687, -43.5227, 20.2861

Details

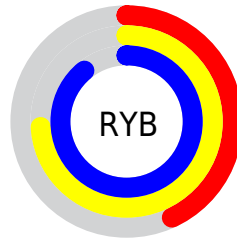
The Hex color **6DE2A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E26DAB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A7FFDB**, and **2EAA70** is the 20% darker color. If you saturate the color by 10%, you get **56E298**, and if you desaturate by 10%, it is **84E2B0**.

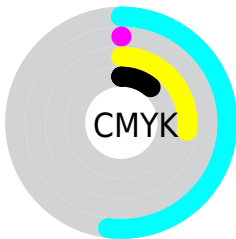
Distribution



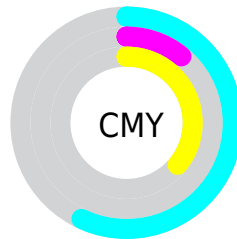
- Red (43%)
- Green (89%)
- Blue (64%)



- Red (43%)
- Yellow (74%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE2A4 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 6DE2A4 by changing the saturation by 10% instead.

 6DE2A4

 6DE2A4

FFFFFF

 4FC68A

 A7FFDB

 2EAA70

 C5FFF8

 008F57

 E2FFFF

 007440

 005B29

 004213

 002C00

 000D00

 000000

 6DE2A4

 6DE2A4

 56E298

 84E2B0

 40E28C

 9AE2BC

 29E280

 B1E2C8

 13E274

 C7E2D4

 00E26A

 DEE2E0

 F5E2EC

 FFE2F8

 FFE2FF

Harmonies

Analogous

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



ACDA7C



6DE2A4



00E5D5

Triad

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



6DE2A4



92CDDF



FFAC95

Complementary

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



6DE2A4



E26DAB

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.



FFA5C3



6DE2A4



DFBBFF

Square

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



6DE2A4



00DBFF



FFABF3



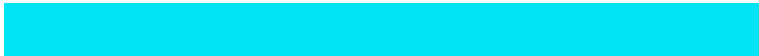
FFBC74

Rectangle

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



6DE2A4



00E4F6



FFABF3



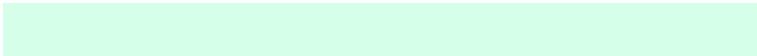
FFA8A3

Sweetspot

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



6DE2A4



D6FFE9



ABE26D



678073



000000



808080

Same Dimension

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



6DE2A4



61FFAB



6DE2DE



65706A



00B053



003017

Inverse Universe

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



E26DAB



FF61B5



E26D71



70656B



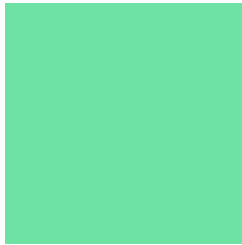
B0005D



30001A

Previews

White Background



This preview shows how the Hex color 6DE2A4 looks on a white background.

Color Contrast Check

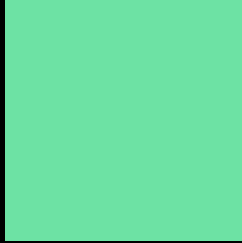
Large Text (above 18pt) WCAG AA × Fail

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 6DE2A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

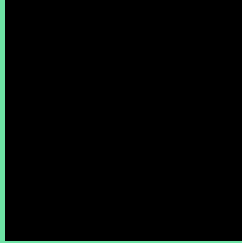
Any Text WCAG AA ✓ Pass

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 6DE2A4 Background



This preview shows how black text looks on a background with the Hex color 6DE2A4.

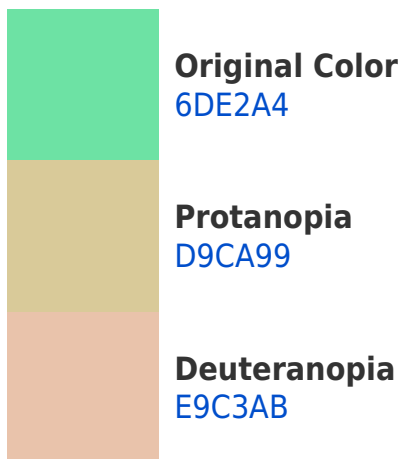


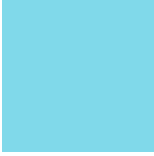
This preview shows how white text looks on a background with the Hex color 6DE2A4.

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
80D9EA

Trichromacy



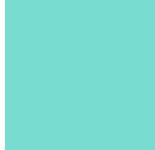
Original Color
6DE2A4



Protanomaly
B2D39D



Deuteranomaly
BCCEA8



Tritanomaly
79DCD1

Monochromacy



Original Color
6DE2A4



Achromatopsia
B8B8B8



Achromatomaly
9DC7B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE2A4 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 #6DE2A4 looks like.

```
.text, #text, p{  
    color:#6DE2A4  
}
```

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 #6DE2A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE2A4
}
```

Border

The CSS property to change the border of an element to Hex 6DE2A4 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
#6DE2A4 }
```

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

```
.border{ border-color:#6DE2A4 }
```

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

Here you see how a box with a 4 pixel #6DE2A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE2A4; -webkit-box-shadow:4px 4px  
4px 4px #6DE2A4; box-shadow:4px 4px 4px  
4px #6DE2A4 }
```

Background

The CSS property to change the background color of an element to Hex 6DE2A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE2A4 }
```

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

```
.background{ background-color:#6DE2A4 }
```

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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