

Converting Colors

Hex(6CAE5D)

Have a look what the booklet for
Hex(6CAE5D) contains.

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Color

Hex(6CAE5D)

Conversions

Conversions Part 1

Format	Color
Hex	6CAE5D
RGB	108, 174, 93
RGB Percent	42%, 68%, 36%
CMY	0.5765, 0.3176, 0.6353
CMYK	0.38, 0.00, 0.47, 0.32
HSL	109°, 33%, 52%
HSV	109°, 47%, 68%
XYZ	23.2962, 34.2506, 15.7391
YIQ	145.0320, -13.3350, -39.1830

Conversions

Conversions Part 2

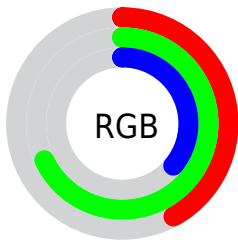
Format	Color
RYB	93, 174, 159
Decimal	7122525
CIELab	65.16, -36.92, 34.97
CIELCh	65, 50.854, 136.556
Yxy	34.2506, 0.3179, 0.4674
Android (android.graphics.Color)	4285312605 (0xFF6CAE5D)
YUV	145.0320, -25.6518, -32.4771
Hunter-Lab	58.5240, -31.3629, 25.0217

Details

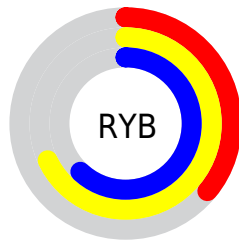
The Hex color **6CAE5D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9F5DAE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2E691**, and **37792C** is the 20% darker color. If you saturate the color by 10%, you get **5EAE4C**, and if you desaturate by 10%, it is **7AAE6E**.

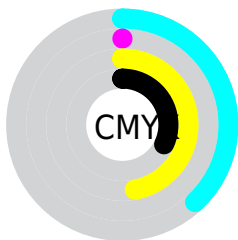
Distribution



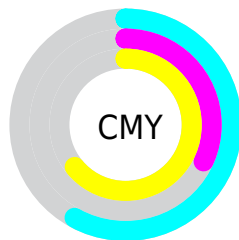
- Red (42%)
- Green (68%)
- Blue (36%)



- Red (36%)
- Yellow (68%)
- Blue (62%)



- Cyan (38%)
- Magenta (0%)
- Yellow (47%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAE5D 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 6CAE5D by changing the saturation by 10% instead.

 6CAE5D

 6CAE5D

FFFFFF

 519344

 A2E691

 37792C

 BEFFAC

 1A6014

 DBFFC7

 004700

 F8FFE4

 003000

 001B00

 000000

 6CAE5D

 6CAE5D

 5EAE4C

 7AAE6E

 50AE3A

 88AE80

 41AE29

 97AE91

 33AE17

 A5AEA3

 25AE06

 B3AEB4

 20AE00

 C1AEC5

 CFAED7

 DDAEE8

 ECAEFA

Harmonies

Analogous

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



A0A442



6CAE5D



00B487

Triad

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



6CAE5D



00A9F6



F37887

Complementary

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



6CAE5D



9F5DAE

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.



E87AB5



6CAE5D



7E9AF5

Square

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



6CAE5D



00B2DF



C188DD



E8845E

Rectangle

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



6CAE5D



00B5A7



C188DD



F27796

Sweetspot

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



6CAE5D



C9E3C3



AE9E5D



63735F



F2F2F2



737373

Same Dimension

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



6CAE5D



7BE364



5DAE75



50574E



1C9600



041700

Inverse Universe

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



9F5DAE



CB64E3



AE5D96



554E57



7B0096



130017

Previews

White Background



This preview shows how the Hex color 6CAE5D looks on a white background.

Color Contrast Check

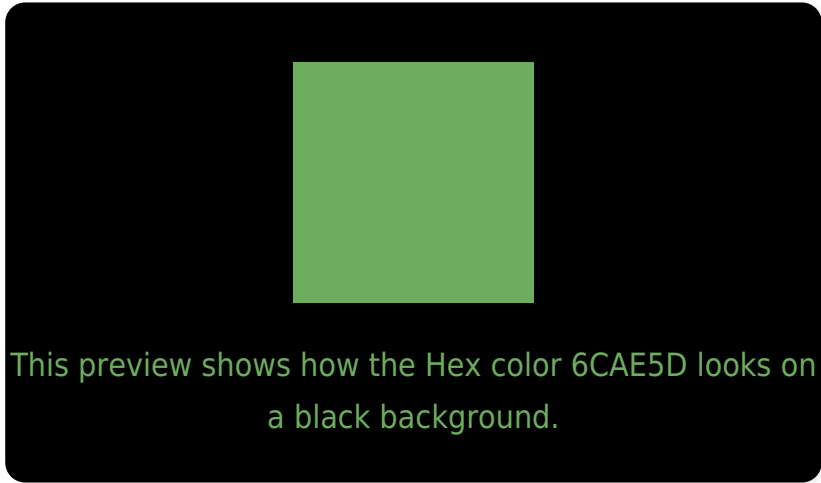
Large Text (above 18pt) WCAG AA × Fail

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 6CAE5D Background



This preview shows how black text looks on a background with the Hex color 6CAE5D.

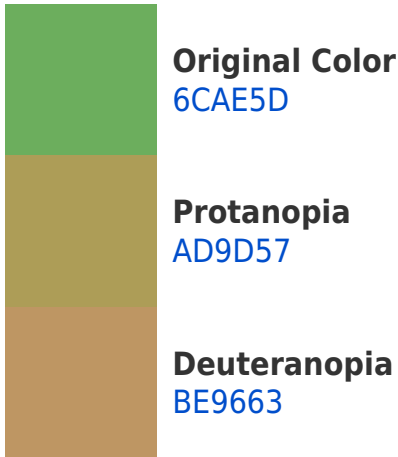


This preview shows how white text looks on a background with the Hex color 6CAE5D.

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
7BA4B2

Trichromacy



Original Color
6CAE5D



Protanomaly
95A359



Deuteranomaly
A09F61



Tritanomaly
76A893

Monochromacy



Original Color
6CAE5D



Achromatopsia
919191



Achromatomaly
849C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAE5D 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 #6CAE5D looks like.

```
.text, #text, p{  
    color:#6CAE5D  
}
```

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 #6CAE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAE5D
}
```

Border

The CSS property to change the border of an element to Hex 6CAE5D 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
#6CAE5D }
```

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

```
.border{ border-color:#6CAE5D }
```

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

Here you see how a box with a 4 pixel #6CAE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAE5D; -webkit-box-shadow:4px 4px  
4px 4px #6CAE5D; box-shadow:4px 4px 4px  
4px #6CAE5D }
```

Background

The CSS property to change the background color of an element to Hex 6CAE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAE5D }
```

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

```
.background{ background-color:#6CAE5D }
```

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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