

Converting Colors

Hex(C6AE56)

Have a look what the booklet for
Hex(C6AE56) contains.

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Color

Hex(C6AE56)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C6AE56 |
| RGB | 198, 174, 86 |
| RGB Percent | 78%, 68%, 34% |
| CMY | 0.2235, 0.3176, 0.6627 |
| CMYK | 0.00, 0.12, 0.57, 0.22 |
| HSL | 47°, 50%, 56% |
| HSV | 47°, 57%, 78% |
| XYZ | 40.1045, 42.9498, 14.9805 |
| YIQ | 171.1440, 42.5520, -22.2800 |

Conversions

Conversions Part 2

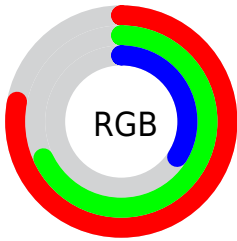
| Format | Color |
|--|---|
| RYB | 117, 198, 86 |
| Decimal | 13020758 |
| CIELab | 71.52, -2.22, 47.65 |
| CIELCh | 72, 47.701, 92.673 |
| Yxy | 42.9498, 0.4091, 0.4381 |
| Android (android.graphics.Color) | 4291210838 (0xFFC6AE56) |
| YUV | 171.1440, -41.9760, 23.5527 |
| Hunter-Lab | 65.5361, -5.4559, 32.3225 |

Details

The Hex color **C6AE56** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **566EC6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE58A**, and **8D7A23** is the 20% darker color. If you saturate the color by 10%, you get **C6AA42**, and if you desaturate by 10%, it is **C6B26A**.

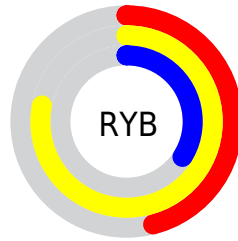
Distribution



Red (78%)

Green (68%)

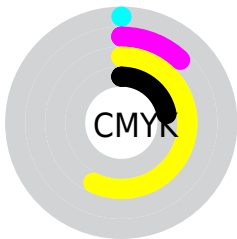
Blue (34%)



Red (46%)

Yellow (78%)

Blue (34%)

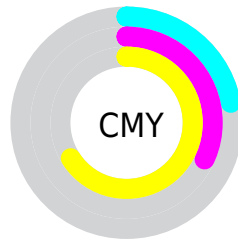


Cyan (0%)

Magenta (12%)

Yellow (57%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6AE56 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 C6AE56 by changing the saturation by 10% instead.

 C6AE56

FFFFFF

 FFE58A

 FFFFA5

 FFFFC1

 FFFFDD

 FFFFFA

 C6AE56

 C6AE56

 A9943D

 8D7A23

 726104

 584A00

 3E3300

 251F00

 030700

 000000

 C6AE56

 C6AA42

 C6B26A

 C6A62E

 C6B67E

 C6A11B

 C6BB91

 C69D07

 C6BFA5

 C69C00

 C6C3B9

 C6C7CD

 C6CCE1

 C6D0F4

 C6D4FF

Harmonies

Analogous

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



EA9F62



C6AE56



99BA64

Triad

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



C6AE56



00C4DD



E893D8

Complementary

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



C6AE56



566EC6

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.



B8A2F9



C6AE56



00BEFC

Square

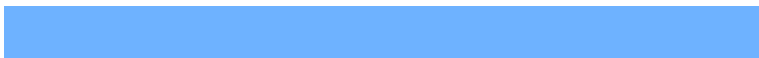
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C6AE56



00C6B2



6EB2FF



FF8BAD

Rectangle

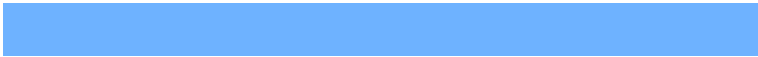
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6AE56



75C079



6EB2FF



DB97E4

Sweetspot

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



C6AE56



FFF6D4



C6566E



807A66



000000



808080

Same Dimension

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



C6AE56



FFDA52



A6C656



63615A



A38000



241C00

Inverse Universe

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



566EC6



5277FF



7656C6



5A5C63



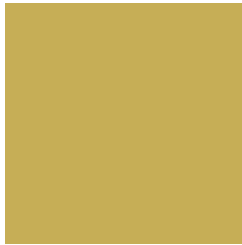
0023A3



000824

Previews

White Background



This preview shows how the Hex color C6AE56 looks on a white background.

Color Contrast Check

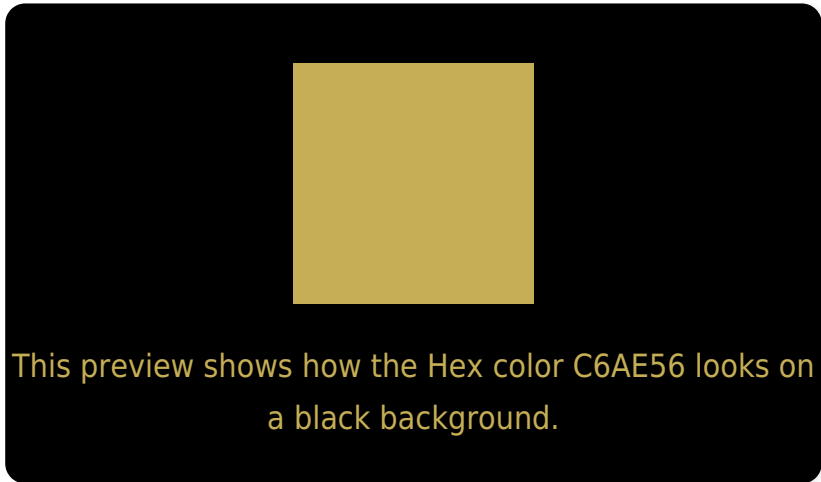
Large Text (above 18pt) WCAG AA × Fail

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

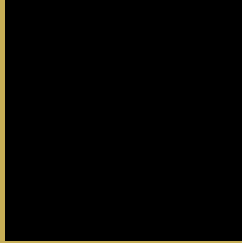
Any Text WCAG AA ✓ Pass

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 C6AE56 Background



This preview shows how black text looks on a background with the Hex color C6AE56.

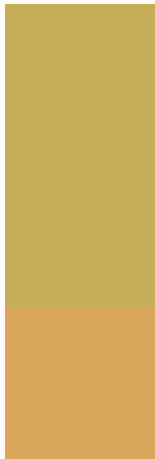


This preview shows how white text looks on a background with the Hex color C6AE56.

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



Original Color
C6AE56

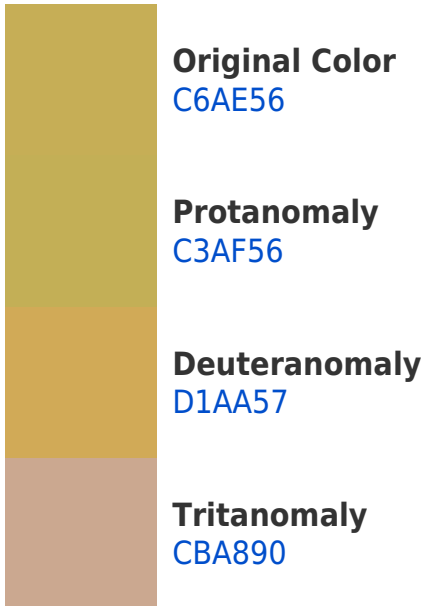
Protanopia
C2AF56

Deuteranopia
D8A758

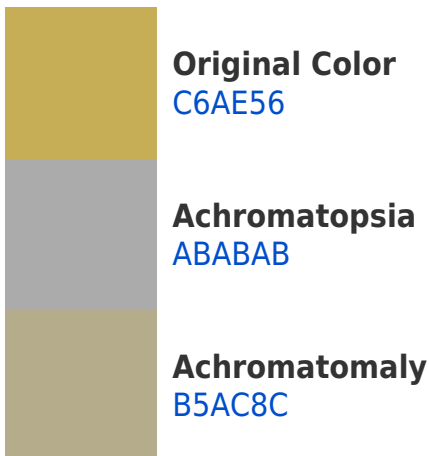


Tritanopia
CEA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6AE56 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 #C6AE56 looks like.

```
.text, #text, p{  
    color:#C6AE56  
}
```

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 #C6AE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AE56
}
```

Border

The CSS property to change the border of an element to Hex C6AE56 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
#C6AE56 }
```

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

```
.border{ border-color:#C6AE56 }
```

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

Here you see how a box with a 4 pixel #C6AE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AE56; -webkit-box-shadow:4px 4px  
4px 4px #C6AE56; box-shadow:4px 4px 4px  
4px #C6AE56 }
```

Background

The CSS property to change the background color of an element to Hex C6AE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AE56 }
```

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

```
.background{ background-color:#C6AE56 }
```

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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