

Converting Colors

Hex(C0B357)

Have a look what the booklet for
Hex(C0B357) contains.

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Color

Hex(C0B357)

Conversions

Conversions Part 1

Format	Color
Hex	C0B357
RGB	192, 179, 87
RGB Percent	75%, 70%, 34%
CMY	0.2471, 0.2980, 0.6588
CMYK	0.00, 0.07, 0.55, 0.25
HSL	53°, 45%, 55%
HSV	53°, 55%, 75%
XYZ	39.5786, 44.1348, 15.4497
YIQ	172.3990, 37.2800, -25.8560

Conversions

Conversions Part 2

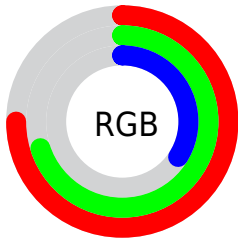
Format	Color
RYB	102, 192, 87
Decimal	12628823
CIELab	72.32, -7.31, 47.96
CIELCh	72, 48.511, 98.666
Yxy	44.1348, 0.3991, 0.4451
Android (android.graphics.Color)	4290818903 (0xFFC0B357)
YUV	172.3990, -42.1017, 17.1901
Hunter-Lab	66.4340, -9.9166, 32.7155

Details

The Hex color **C0B357** 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 **5764C0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FAEB8B**, and **887F24** is the 20% darker color. If you saturate the color by 10%, you get **C0B144**, and if you desaturate by 10%, it is **C0B56A**.

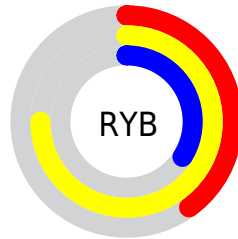
Distribution



Red (75%)

Green (70%)

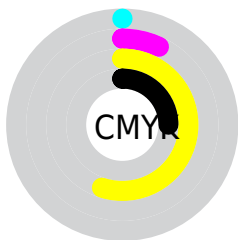
Blue (34%)



Red (40%)

Yellow (75%)

Blue (34%)

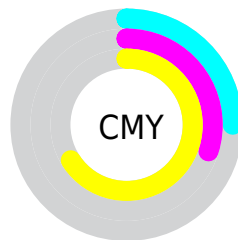


Cyan (0%)

Magenta (7%)

Yellow (55%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0B357 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 C0B357 by changing the saturation by 10% instead.

 C0B357

 C0B357

FFFFFF

 A4983E

 FAEB8B

 887F24

 FFFFA7

 6D6604

 FFFFC2

 534E00

 FFFFDF

 393700

 FFFFFC

 212200

 000D00

 000000

 C0B357

 C0B357

 C0B144

 C0B56A

 C0AE31

 C0B87D

 C0AC1D

 C0BA91

 C0A90A

 C0BDA4

 C0A800

 C0BFB7

 C0C1CA

 C0C4DD

 C0C6F1

 C0C8FF

Harmonies

Analogous

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



E7A45F



C0B357



90BF6A

Triad

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



C0B357



00C6E7



F292D3

Complementary

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



C0B357



5764C0

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.



C6A1F7



C0B357



00BFFF

Square

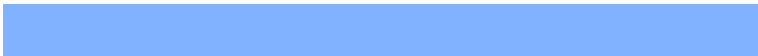
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0B357



00C8BD



80B2FF



FF8DA6

Rectangle

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



C0B357



6AC482



80B2FF



E796E0

Sweetspot

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



C0B357



FAF5D2



C05765



7D7A65



FCFCFC



7D7D7D

Same Dimension

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



C0B357



FAE555



9AC057



616057



A18D00



211D00

Inverse Universe

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



5764C0



5569FA



7D57C0



575861



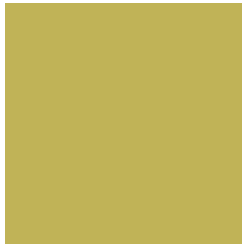
0014A1



000421

Previews

White Background



This preview shows how the Hex color C0B357 looks on a white background.

Color Contrast Check

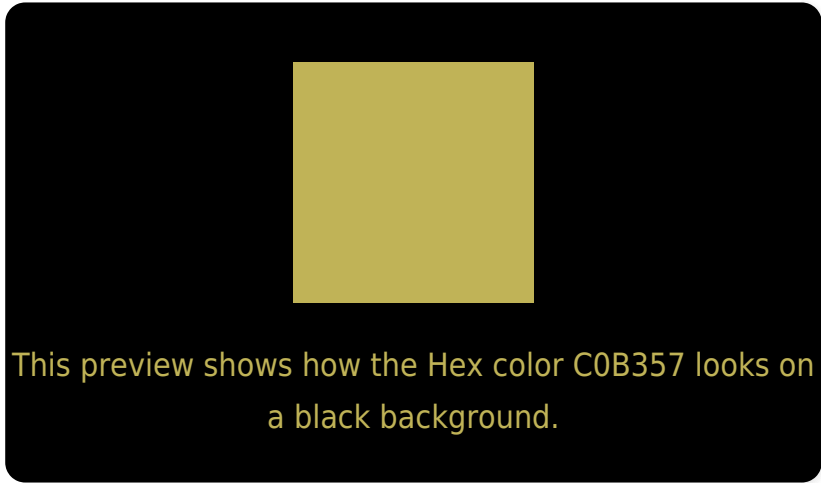
Large Text (above 18pt) WCAG AA × Fail

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

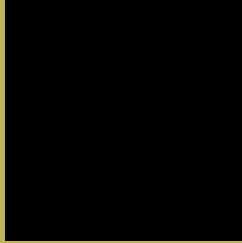
Any Text WCAG AA ✓ Pass

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 C0B357 Background



This preview shows how black text looks on a background with the Hex color C0B357.

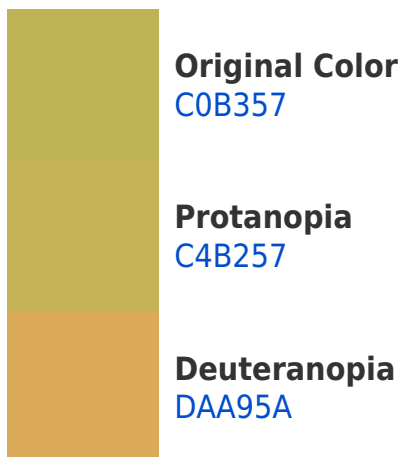


This preview shows how white text looks on a background with the Hex color C0B357.

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](#).

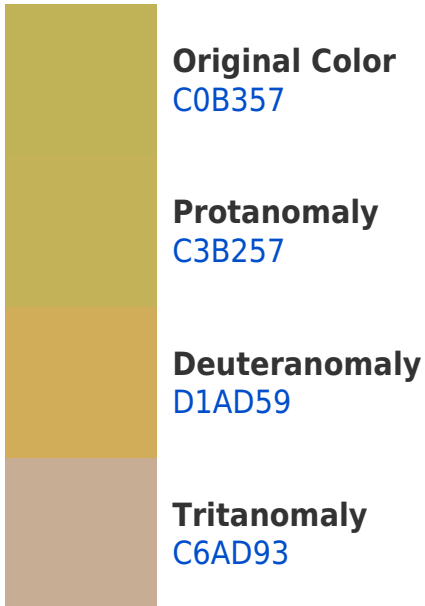
Dichromacy



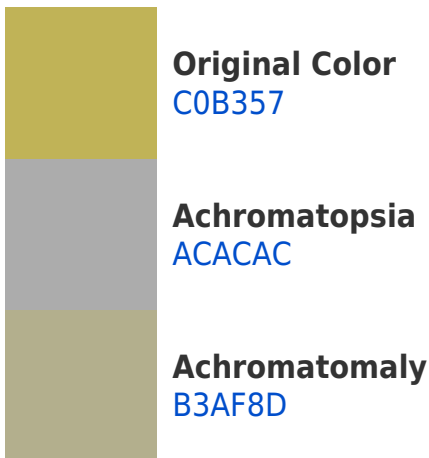


Tritanopia
C9A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0B357 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 #C0B357 looks like.

```
.text, #text, p{  
    color:#C0B357  
}
```

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 #C0B357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B357  
}
```

Border

The CSS property to change the border of an element to Hex C0B357 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  
#C0B357 }
```

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

```
.border{ border-color:#C0B357 }
```

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

Here you see how a box with a 4 pixel #C0B357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B357; -webkit-box-shadow:4px 4px  
4px 4px #C0B357; box-shadow:4px 4px 4px  
4px #C0B357 }
```

Background

The CSS property to change the background color of an element to Hex C0B357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B357 }
```

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

```
.background{ background-color:#C0B357 }
```

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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