

Converting Colors

Hex(CBED21)

Have a look what the booklet for
Hex(CBED21) contains.

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Color

Hex(CBED21)

Conversions

Conversions Part 1

Format	Color
Hex	CBED21
RGB	203, 237, 33
RGB Percent	80%, 93%, 13%
CMY	0.2039, 0.0706, 0.8706
CMYK	0.14, 0.00, 0.86, 0.07
HSL	70°, 85%, 53%
HSV	70°, 86%, 93%
XYZ	55.1873, 73.3747, 12.6929
YIQ	203.5780, 45.2200, -70.6520

Conversions

Conversions Part 2

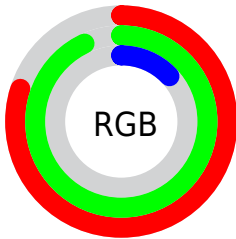
Format	Color
RYB	33, 237, 67
Decimal	13364513
CIELab	88.63, -33.85, 82.69
CIELCh	89, 89.348, 112.260
Yxy	73.3747, 0.3907, 0.5194
Android (android.graphics.Color)	4291554593 (0xFFCBED21)
YUV	203.5780, -84.0950, -0.5069
Hunter-Lab	85.6590, -34.9016, 51.1758

Details

The Hex color **CBED21** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4321ED**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF66**, and **90B500** is the 20% darker color. If you saturate the color by 10%, you get **C7ED09**, and if you desaturate by 10%, it is **CFED39**.

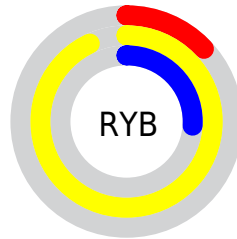
Distribution



Red (80%)

Green (93%)

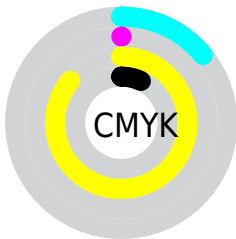
Blue (13%)



Red (13%)

Yellow (93%)

Blue (26%)

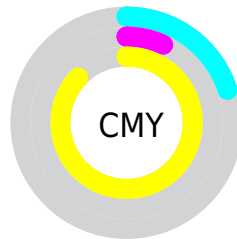


Cyan (14%)

Magenta (0%)

Yellow (86%)

Black (7%)



Cyan (20%)

Magenta (7%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBED21 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 CBED21 by changing the saturation by 10% instead.

 CBED21

 CBED21

FFFFFF

 ADD100

 FFFF66

 90B500

 FFFF84

 739A00

 FFFFA1

 578000

 FFFFBF

 396700

 FFFFDC

 1A4F00

 FFFFFA

 003700

 002300

 000000

 CBED21

 CBED21

 C7ED09

 CFED39

 C5ED00

 D3ED50

 D7ED68

 DBED80

 DFED97

 E3EDAF

 E7EDC7

 EBEDDF

 EFEDF6

Harmonies

Analogous

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



FFD30D



CBED21



56FD6F

Triad

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



CBED21



00FFFF



FF8BF8

Complementary

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



CBED21



4321ED

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.



FFAAFF



CBED21



00EFFF

Square

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



CBED21



00FFFF



B2D1FF



FF8FA3

Rectangle

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



CBED21



00FFA7



B2D1FF



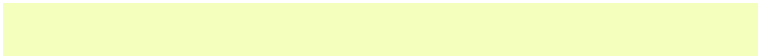
FF93FF

Sweetspot

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



CBED21



F4FFBD



ED4321



798058



000000



808080

Same Dimension

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



CBED21



D4FF00



65ED21



73756A



97B500



2D3600

Inverse Universe

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



4321ED



2A00FF



A921ED



6C6A75



1E00B5



090036

Previews

White Background



This preview shows how the Hex color CBED21 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 CBED21 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 CBED21 Background



This preview shows how black text looks on a background with the Hex color CBED21.



This preview shows how white text looks on a background with the Hex color CBED21.

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

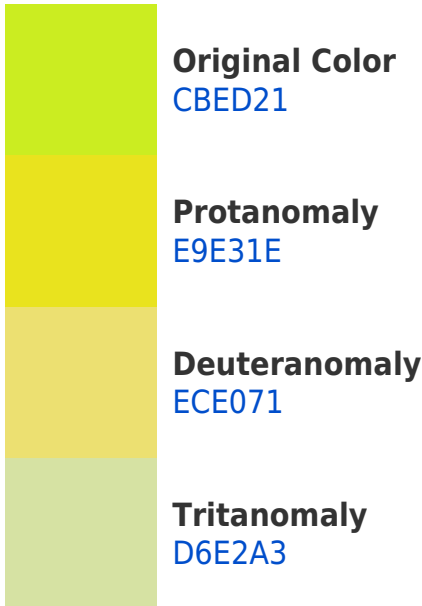


Original Color
CBED21

Protanopia
FADE1C

Deuteranopia
FFD89F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBED21 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 #CBED21 looks like.

```
.text, #text, p{  
    color:#CBED21  
}
```

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 #CBED21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBED21
}
```

Border

The CSS property to change the border of an element to Hex CBED21 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
#CBED21 }
```

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

```
.border{ border-color:#CBED21 }
```

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

Here you see how a box with a 4 pixel #CBED21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBED21; -webkit-box-shadow:4px 4px  
4px 4px #CBED21; box-shadow:4px 4px 4px  
4px #CBED21 }
```

Background

The CSS property to change the background color of an element to Hex CBED21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBED21 }
```

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

```
.background{ background-color:#CBED21 }
```

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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