

Converting Colors

Hex(0CBE25)

Have a look what the booklet for
Hex(0CBE25) contains.

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Color

Hex(0CBE25)

Conversions

Conversions Part 1

Format	Color
Hex	0CBE25
RGB	12, 190, 37
RGB Percent	5%, 75%, 15%
CMY	0.9529, 0.2549, 0.8549
CMYK	0.94, 0.00, 0.81, 0.25
HSL	128°, 88%, 40%
HSV	128°, 94%, 75%
XYZ	18.8990, 37.0386, 7.9034
YIQ	119.3360, -56.9750, -85.3190

Conversions

Conversions Part 2

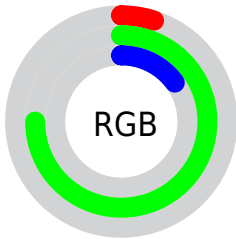
Format	Color
RYB	12, 168, 190
Decimal	835109
CIELab	67.31, -67.24, 60.20
CIELCh	67, 90.255, 138.162
Yxy	37.0386, 0.2960, 0.5802
Android (android.graphics.Color)	4279025189 (0xFF0CBE25)
YUV	119.3360, -40.5916, -94.1337
Hunter-Lab	60.8594, -51.0733, 34.9020

Details

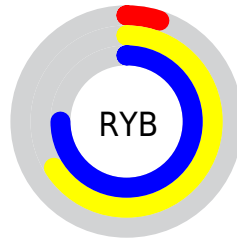
The Hex color **0CBE25** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BE0CA5**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67F85F**, and **008700** is the 20% darker color. If you saturate the color by 10%, you get **00BE1B**, and if you desaturate by 10%, it is **1FBE35**.

Distribution



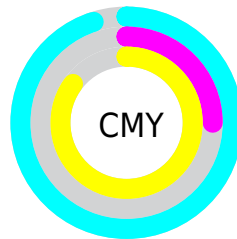
- Red (5%)
- Green (75%)
- Blue (15%)



- Red (5%)
- Yellow (66%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CBE25 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 0CBE25 by changing the saturation by 10% instead.

 0CBE25

 0CBE25

FFFFFF

 00A200

 67F85F

 008700

 87FF7B

 006C00

 A6FF96

 005200

 C4FFB2

 003A00

 E3FFCF

 002100

 FFFFE0

 000000

 0CBE25

 0CBE25

 00BE1B

 1FBE35

 32BE46

 45BE56

 58BE66

 6BBE77

 7EBE87

 91BE97

 A4BEA8

 B7BEB8

Harmonies

Analogous

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



97AF00



0CBE25



00C580

Triad

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



0CBE25



00B7FF



FF4277

Complementary

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



0CBE25



BE0CA5

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.



FF45C8



0CBE25



3A9DFF

Square

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



0CBE25



00C4FF



E373FF



FF6D26

Rectangle

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



0CBE25



00C7B9



E373FF



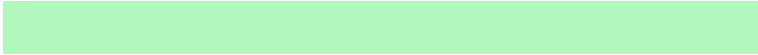
FF3B91

Sweetspot

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



0CBE25



B2F7BC



A6BE0C



527D58



FCFCFC



7D7D7D

Same Dimension

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



0CBE25



00F723



0CBE7D



555E56



009E16



001F04

Inverse Universe

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



BE0CA5



F700D5



BE0C4D



5E555D



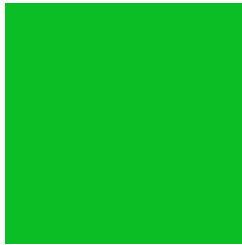
9E0088



1F001A

Previews

White Background



This preview shows how the Hex color 0CBE25 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 0CBE25 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 0CBE25 Background



This preview shows how black text looks on a background with the Hex color 0CBE25.

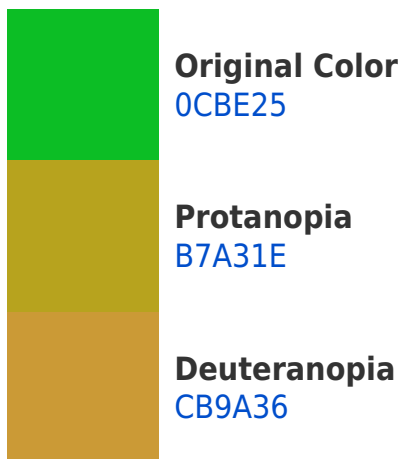


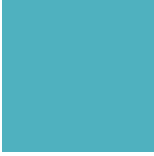
This preview shows how white text looks on a background with the Hex color 0CBE25.

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
4FB1BF

Trichromacy



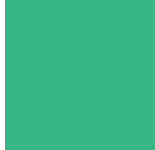
Original Color
0CBE25



Protanomaly
79AD21



Deuteranomaly
86A730



Tritanomaly
37B687

Monochromacy



Original Color
0CBE25



Achromatopsia
777777



Achromatomaly
509159

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CBE25 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 #0CBE25 looks like.

```
.text, #text, p{  
    color:#0CBE25  
}
```

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 #0CBE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CBE25
}
```

Border

The CSS property to change the border of an element to Hex 0CBE25 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".

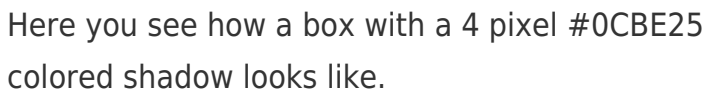
```
.border, #border, table{ border:4px solid
#0CBE25 }
```

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

```
.border{ border-color:#0CBE25 }
```

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

Here you see how a box with a 4 pixel #0CBE25 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CBE25; -webkit-box-shadow:4px 4px  
4px 4px #0CBE25; box-shadow:4px 4px 4px  
4px #0CBE25 }
```

Background

The CSS property to change the background color of an element to Hex 0CBE25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CBE25 }
```

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

```
.background{ background-color:#0CBE25 }
```

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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