

Converting Colors

Hex(CBC527)

Have a look what the booklet for
Hex(CBC527) contains.

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Color

Hex(CBC527)

Conversions

Conversions Part 1

Format	Color
Hex	CBC527
RGB	203, 197, 39
RGB Percent	80%, 77%, 15%
CMY	0.2039, 0.2275, 0.8471
CMYK	0.00, 0.03, 0.81, 0.20
HSL	58°, 68%, 47%
HSV	58°, 81%, 80%
XYZ	44.9611, 52.7755, 9.7364
YIQ	180.7820, 54.2940, -47.8660

Conversions

Conversions Part 2

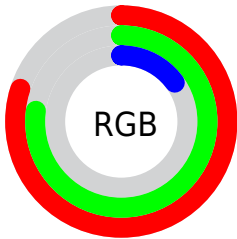
Format	Color
RYB	45, 203, 39
Decimal	13354279
CIELab	77.74, -14.48, 72.19
CIELCh	78, 73.626, 101.339
Yxy	52.7755, 0.4183, 0.4911
Android (android.graphics.Color)	4291544359 (0xFFCBC527)
YUV	180.7820, -69.8985, 19.4852
Hunter-Lab	72.6467, -16.6582, 42.9064

Details

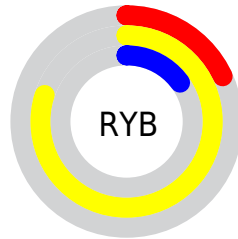
The Hex color **CBC527** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **272DCB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFD64**, and **919000** is the 20% darker color. If you saturate the color by 10%, you get **CBC413**, and if you desaturate by 10%, it is **CBC63B**.

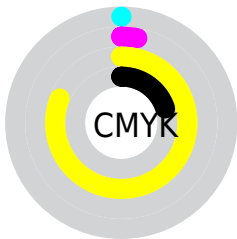
Distribution



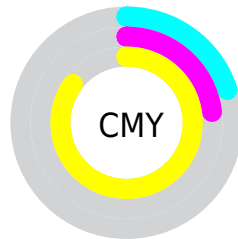
- Red (80%)
- Green (77%)
- Blue (15%)



- Red (18%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (3%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBC527 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 CBC527 by changing the saturation by 10% instead.

 CBC527

 CBC527

FFFFFF

 AEAA00

 FFFD64

 919000

 FFFF80

 747600

 FFFF9C

 595E00

 FFFFFB9

 3E4600

 FFFD6

 243000

 FFFFF4

 061C00

 000000

 CBC527

 CBC527

 CBC413

 CBC63B

 CBC400

 CBC650

 CBC764

 CBC878

 CBC98D

 CBC9A1

 CBCAB5

 CBCBC9

 CBCCCDE

Harmonies

Analogous

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



FFAD36



CBC527



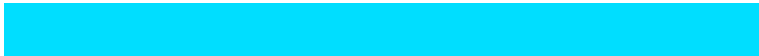
7FD552

Triad

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



CBC527



00DEFF



FF87EE

Complementary

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



CBC527



272DCB

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.



E5A3FF



CBC527



00D3FF

Square

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



CBC527



00E1D9



64BFFF



FF7FA9

Rectangle

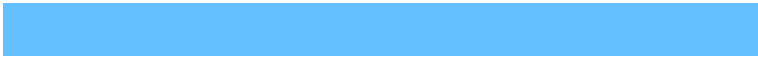
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBC527



22DC7B



64BFFF



FF8FFF

Sweetspot

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



CBC527



FFFDC2



CB272F



807E5B



000000



808080

Same Dimension

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



CBC527



FFF608



81CB27



66665C



A6A000



262500

Inverse Universe

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



272DCB



0811FF



7127CB



5C5C66



0006A6



000126

Previews

White Background



This preview shows how the Hex color CBC527 looks on a white background.

Color Contrast Check

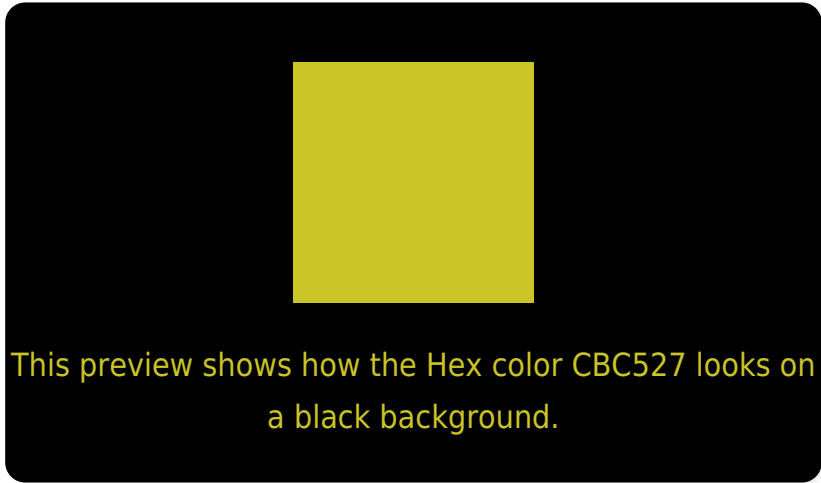
Large Text (above 18pt) WCAG AA × Fail

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 CBC527 Background



This preview shows how black text looks on a background with the Hex color CBC527.



This preview shows how white text looks on a background with the Hex color CBC527.

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
CBC527

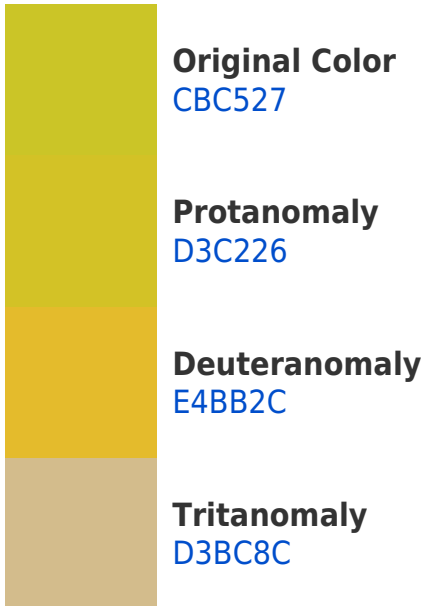
Protanopia
D8C126

Deuteranopia
F2B62F



Tritanopia
D7B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBC527 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 #CBC527 looks like.

```
.text, #text, p{  
    color:#CBC527  
}
```

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 #CBC527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC527
}
```

Border

The CSS property to change the border of an element to Hex CBC527 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
#CBC527 }
```

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

```
.border{ border-color:#CBC527 }
```

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

Here you see how a box with a 4 pixel #CBC527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC527; -webkit-box-shadow:4px 4px  
4px 4px #CBC527; box-shadow:4px 4px 4px  
4px #CBC527 }
```

Background

The CSS property to change the background color of an element to Hex CBC527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC527 }
```

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

```
.background{ background-color:#CBC527 }
```

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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