

# Converting Colors

Hex(C7E41B)

Have a look what the booklet for  
Hex(C7E41B) contains.

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**Color**

**Hex(C7E41B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E41B
RGB	199, 228, 27
RGB Percent	78%, 89%, 11%
CMY	0.2196, 0.1059, 0.8941
CMYK	0.13, 0.00, 0.88, 0.11
HSL	69°, 79%, 50%
HSV	69°, 88%, 89%
XYZ	51.4944, 67.7081, 11.3918
YIQ	196.4150, 47.2370, -68.6590

# Conversions

## Conversions Part 2

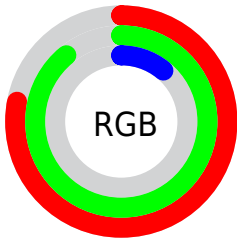
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 228, 56
Decimal	13100059
CIE Lab	85.86, -31.44, 81.38
CIE LCh	86, 87.243, 111.126
Yxy	67.7081, 0.3943, 0.5185
Android (android.graphics.Color)	4291290139 (0xFFC7E41B)
YUV	196.4150, -83.5216, 2.2670
Hunter-Lab	82.2849, -32.2921, 49.3911

# Details

The Hex color **C7E41B** 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 **381BE4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF62**, and **8CAD00** is the 20% darker color. If you saturate the color by 10%, you get **C4E404**, and if you desaturate by 10%, it is **CAE432**.

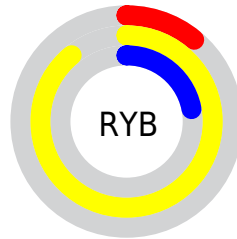
# Distribution



Red (78%)

Green (89%)

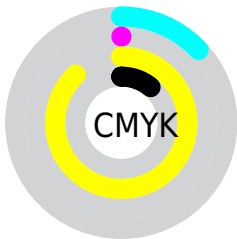
Blue (11%)



Red (11%)

Yellow (89%)

Blue (22%)

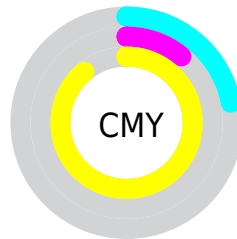


Cyan (13%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (22%)

Magenta (11%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E41B 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 C7E41B by changing the saturation by 10% instead.



 C7E41B

 C7E41B

FFFFFF

 A9C800

 FFFF62

 8CAD00

 FFFF7F

 6F9200

 FFFF9D

 537800

 FFFFBA

 365F00

 FFFD7

 184700

 FFFFF5

 003000

 001D00

 000000

 C7E41B

 C7E41B

 C4E404

 CAE432

 C3E400

 CEE449

 D1E45F

 D4E476

 D7E48D

 DBE4A4

 DEE4BB

 E1E4D1

 E5E4E8

# Harmonies

## Analogous

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



FFCA0D



C7E41B



59F468

# Triad

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



C7E41B



00F7FF



FF87F3

# Complementary

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



C7E41B



381BE4

# 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.



FFA6FF



C7E41B



00E8FF

# Square

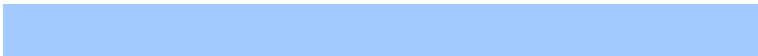
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7E41B



00DFFF



A4CBFF



FF89A0

# Rectangle

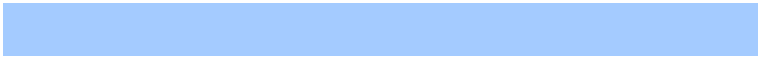
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7E41B



00FA9E



A4CBFF



FF8EFF



# Sweetspot

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



C7E41B



F5FFBD



E4361B



7A8058



000000



808080



# Same Dimension

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



C7E41B



DAFF00



65E41B



717367



99B300



2C3300



# Inverse Universe

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



381BE4



2500FF



9A1BE4



696773



1A00B3



070033



# Previews

## White Background



This preview shows how the Hex color C7E41B looks on a white background.

## Color Contrast Check

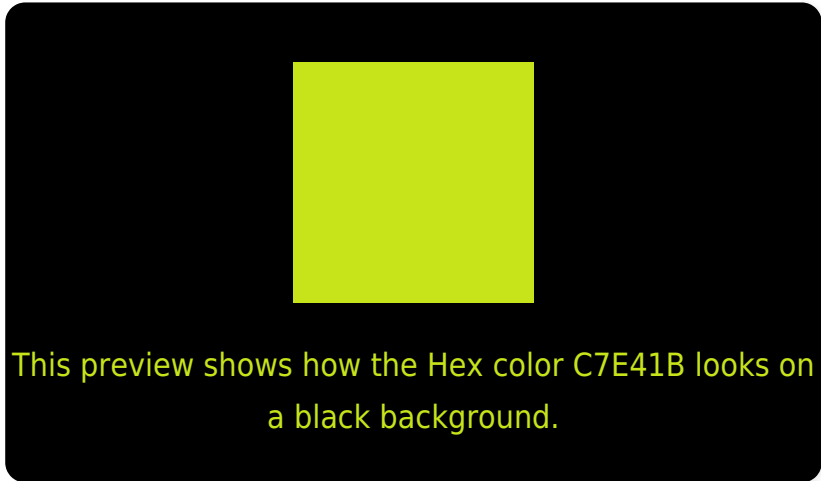
Large Text (above 18pt) WCAG AA × Fail

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 C7E41B Background



This preview shows how black text looks on a background with the Hex color C7E41B.

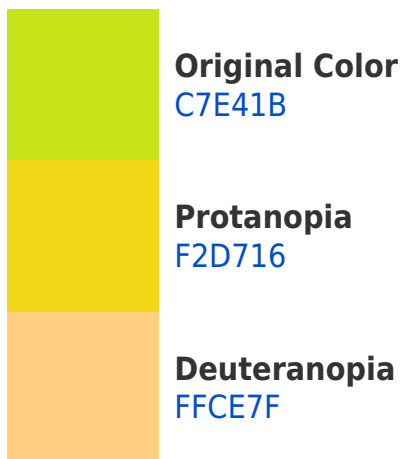


This preview shows how white text looks on a background with the Hex color C7E41B.

# 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](#).

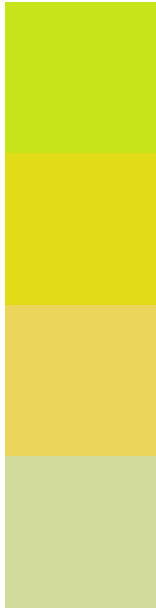
## Dichromacy





**Tritanopia**  
D8D4E5

# Trichromacy



**Original Color**  
C7E41B

**Protanomaly**  
E2DC18

**Deuteranomaly**  
EBD65B

**Tritanomaly**  
D2DA9C

# Monochromacy



**Original Color**  
C7E41B

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C5D087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E41B 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 #C7E41B looks like.

```
.text, #text, p{  
    color:#C7E41B  
}
```

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 #C7E41B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E41B
}
```

## Border

The CSS property to change the border of an element to Hex C7E41B 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
#C7E41B }
```

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

```
.border{ border-color:#C7E41B }
```

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

Here you see how a box with a 4 pixel #C7E41B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E41B; -webkit-box-shadow:4px 4px  
4px 4px #C7E41B; box-shadow:4px 4px 4px  
4px #C7E41B }
```

# Background

The CSS property to change the background color of an element to Hex C7E41B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E41B }
```

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

```
.background{ background-color:#C7E41B }
```

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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