

Converting Colors

Hex(7DCB38)

Have a look what the booklet for
Hex(7DCB38) contains.

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Color

Hex(7DCB38)

Conversions

Conversions Part 1	
Format	Color
Hex	7DCB38
RGB	125, 203, 56
RGB Percent	49%, 80%, 22%
CMY	0.5098, 0.2039, 0.7804
CMYK	0.38, 0.00, 0.72, 0.20
HSL	92°, 59%, 51%
HSV	92°, 72%, 80%
XYZ	30.5272, 47.3574, 11.2733
YIQ	162.9200, 0.6990, -62.2530

Conversions

Conversions Part 2

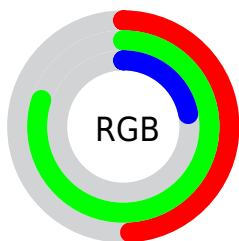
Format	Color
RYB	56, 203, 134
Decimal	8244024
CIELab	74.42, -47.32, 61.98
CIELCh	74, 77.976, 127.359
Yxy	47.3574, 0.3424, 0.5312
Android (android.graphics.Color)	4286434104 (0xFF7DCB38)
YUV	162.9200, -52.7116, -33.2558
Hunter-Lab	68.8167, -41.2463, 38.4590

Details

The Hex color **7DCB38** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8638CB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B7FF70**, and **439400** is the 20% darker color. If you saturate the color by 10%, you get **72CB24**, and if you desaturate by 10%, it is **88CB4C**.

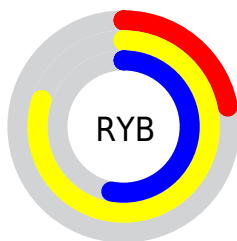
Distribution



Red (49%)

Green (80%)

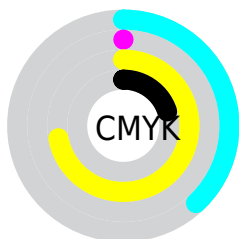
Blue (22%)



Red (22%)

Yellow (80%)

Blue (53%)

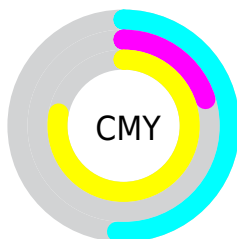


Cyan (38%)

Magenta (0%)

Yellow (72%)

Black (20%)



Cyan (51%)

Magenta (20%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DCB38 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 7DCB38 by changing the saturation by 10% instead.

 7DCB38

FFFFFF

 B7FF70

 D4FF8C

 F2FFA8

 FFFFC4

 FFFFE1

FFFFFFE

 7DCB38

 7DCB38

 60AF16

 439400

 227A00

 006000

 004800

 003100

 001800

 000000

 7DCB38

 72CB24

 88CB4C

 67CB0F

 93CB61

 5FCB00

 9DCB75

 A8CB89

 B3CB9E

 BECBB2

 C8CBC6

 D3CBDA

 DECB EF

Harmonies

Analogous

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



CAB900



7DCB38



00D57D

Triad

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



7DCB38



00CDFE



FF6EA8

Complementary

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



7DCB38



8638CB

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.



FF7BF0



7DCB38



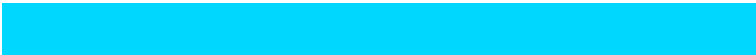
00BAFF

Square

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



7DCB38



00D7FF



CF9CFF



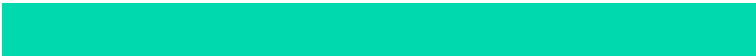
FF8064

Rectangle

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



7DCB38



00D8AE



CF9CFF



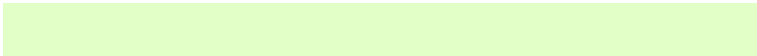
FF6FC1

Sweetspot

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



7DCB38



E1FFC7



CB8438



6E805E



000000



808080

Same Dimension

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



7DCB38



89FF21



38CB3A



61665C



4EA600



122600

Inverse Universe

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



8638CB



9721FF



CB38C9



615C66



5800A6



140026

Previews

White Background



This preview shows how the Hex color 7DCB38 looks on a white background.

Color Contrast Check

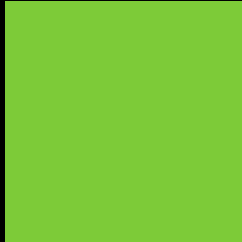
Large Text (above 18pt) WCAG AA × Fail

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 7DCB38 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 7DCB38 Background



This preview shows how black text looks on a background with the Hex color 7DCB38.

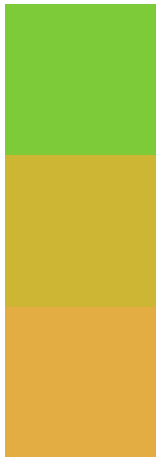


This preview shows how white text looks on a background with the Hex color 7DCB38.

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
7DCB38


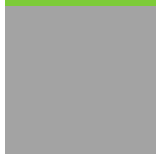

Protanopia
CCB633

Deuteranopia
E3AD44

Trichromacy

	Original Color 7DCB38
	Protanomaly AFBE35
	Deuteranomaly BEB840
	Tritanomaly 8AC297

Monochromacy

	Original Color 7DCB38
	Achromatopsia A3A3A3
	Achromatomaly 95B27C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DCB38 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 #7DCB38 looks like.

```
.text, #text, p{  
    color:#7DCB38  
}
```

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 #7DCB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DCB38
}
```

Border

The CSS property to change the border of an element to Hex 7DCB38 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
#7DCB38 }
```

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

```
.border{ border-color:#7DCB38 }
```

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

Here you see how a box with a 4 pixel #7DCB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DCB38; -webkit-box-shadow:4px 4px  
4px 4px #7DCB38; box-shadow:4px 4px 4px  
4px #7DCB38 }
```

Background

The CSS property to change the background color of an element to Hex 7DCB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DCB38 }
```

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

```
.background{ background-color:#7DCB38 }
```

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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