

Converting Colors

Hex(7DCF25)

Have a look what the booklet for
Hex(7DCF25) contains.

Hex(7DCF25)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DCF25)

Conversions

Conversions Part 1

Format	Color
Hex	7DCF25
RGB	125, 207, 37
RGB Percent	49%, 81%, 15%
CMY	0.5098, 0.1882, 0.8549
CMYK	0.40, 0.00, 0.82, 0.19
HSL	89°, 70%, 48%
HSV	89°, 82%, 81%
XYZ	31.1042, 49.1192, 9.5919
YIQ	163.1020, 5.6980, -70.2540

Conversions

Conversions Part 2

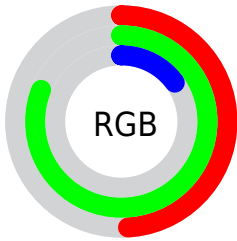
Format	Color
RYB	37, 207, 119
Decimal	8245029
CIELab	75.53, -49.95, 68.81
CIELCh	76, 85.028, 125.974
Yxy	49.1192, 0.3463, 0.5469
Android (android.graphics.Color)	4286435109 (0xFF7DCF25)
YUV	163.1020, -62.1683, -33.4155
Hunter-Lab	70.0851, -43.4295, 40.9451

Details

The Hex color **7DCF25** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **7725CF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B7FF62**, and **419800** is the 20% darker color. If you saturate the color by 10%, you get **73CF10**, and if you desaturate by 10%, it is **87CF3A**.

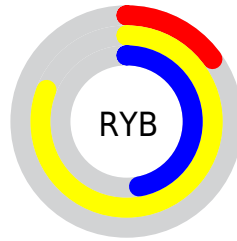
Distribution



Red (49%)

Green (81%)

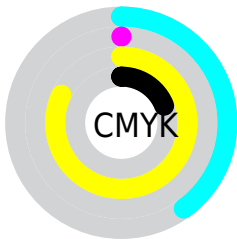
Blue (15%)



Red (15%)

Yellow (81%)

Blue (47%)

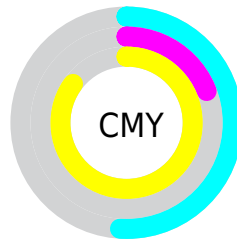


Cyan (40%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (51%)

Magenta (19%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DCF25 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 7DCF25 by changing the saturation by 10% instead.

 7DCF25

 7DCF25

FFFFFF

 60B300

 B7FF62

 419800

 D5FF7F

 1E7D00

 F3FF9B

 006400

 FFFF80

 004B00

 FFFF60

 003300

 FFFF30

 001C00

 000000

 7DCF25

 7DCF25

 73CF10

 87CF3A

 6BCF00

 91CF4E

 9BCF63

 A5CF78

 AFCF8C

 B9CFA1

 C3CFB6

 CDCFCB

 D7CFDF

Harmonies

Analogous

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



D0BC00



7DCF25



00DA76

Triad

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



7DCF25



00D3FF



FF65AE

Complementary

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



7DCF25



7725CF

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.



FF77FC



7DCF25



00BFFF

Square

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



7DCF25



00DCFF



CE9EFF



FF7A62

Rectangle

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



7DCF25



00DDAD



CE9EFF



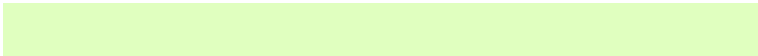
FF67C8

Sweetspot

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



7DCF25



E0FFBF



CF7425



6D8059



000000



808080

Same Dimension

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



7DCF25



85FF03



2BCF25



64695E



57A800



152900

Inverse Universe

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



7725CF



7C03FF



C925CF



635E69



5100A8



140029

Previews

White Background



This preview shows how the Hex color 7DCF25 looks on a white background.

Color Contrast Check

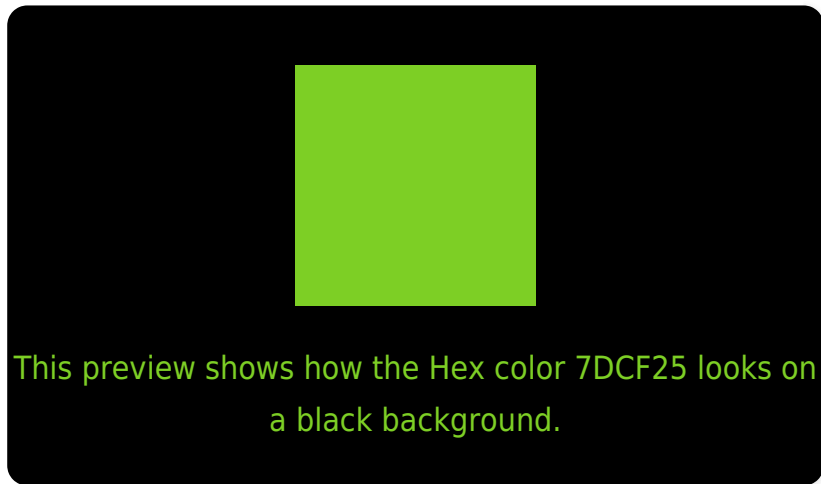
Large Text (above 18pt) WCAG AA × Fail

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 7DCF25 Background



This preview shows how black text looks on a background with the Hex color 7DCF25.

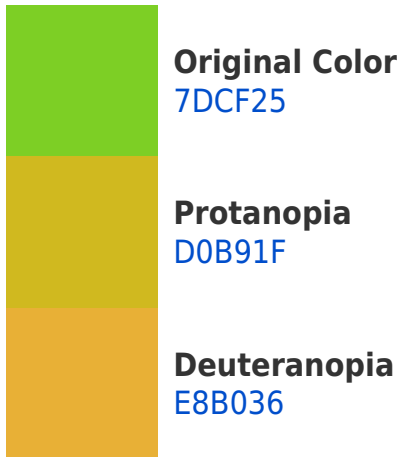


This preview shows how white text looks on a background with the Hex color 7DCF25.

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](#).

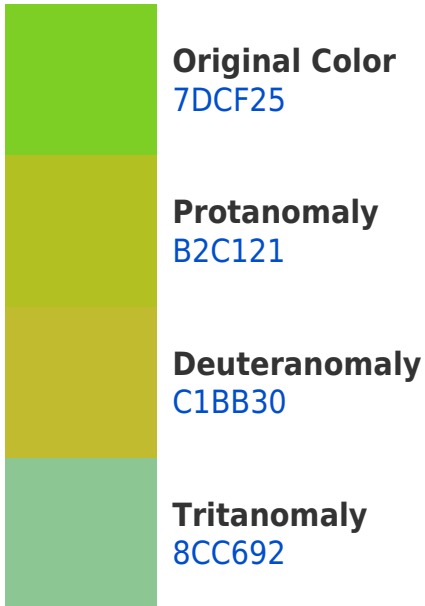
Dichromacy



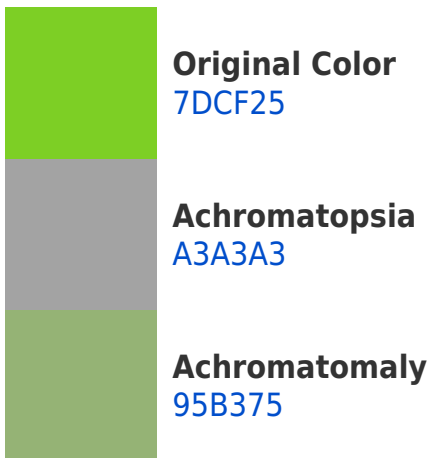


Tritanopia
94C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DCF25 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 #7DCF25 looks like.

```
.text, #text, p{  
    color:#7DCF25  
}
```

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 #7DCF25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DCF25
}
```

Border

The CSS property to change the border of an element to Hex 7DCF25 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
#7DCF25 }
```

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

```
.border{ border-color:#7DCF25 }
```

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

Here you see how a box with a 4 pixel #7DCF25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DCF25; -webkit-box-shadow:4px 4px  
4px 4px #7DCF25; box-shadow:4px 4px 4px  
4px #7DCF25 }
```

Background

The CSS property to change the background color of an element to Hex 7DCF25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DCF25 }
```

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

```
.background{ background-color:#7DCF25 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor