

Converting Colors

Hex(7CF25B)

Have a look what the booklet for
Hex(7CF25B) contains.

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Color

Hex(7CF25B)

Conversions

Conversions Part 1

Format	Color
Hex	7CF25B
RGB	124, 242, 91
RGB Percent	49%, 95%, 36%
CMY	0.5137, 0.0510, 0.6431
CMYK	0.49, 0.00, 0.62, 0.05
HSL	107°, 85%, 65%
HSV	107°, 62%, 95%
XYZ	41.9526, 68.5447, 20.9168
YIQ	189.5040, -21.8570, -71.9770

Conversions

Conversions Part 2

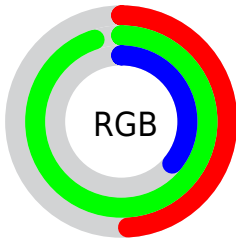
Format	Color
RYB	91, 242, 209
Decimal	8188507
CIELab	86.28, -60.16, 60.94
CIELCh	86, 85.632, 134.630
Yxy	68.5447, 0.3192, 0.5216
Android (android.graphics.Color)	4286378587 (0xFF7CF25B)
YUV	189.5040, -48.5625, -57.4470
Hunter-Lab	82.7917, -54.4351, 42.9749

Details

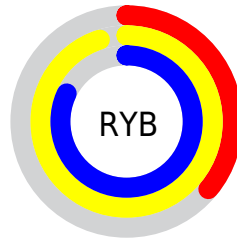
The Hex color **7CF25B** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **D15BF2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B8FF92**, and **3CB920** is the 20% darker color. If you saturate the color by 10%, you get **69F243**, and if you desaturate by 10%, it is **8FF273**.

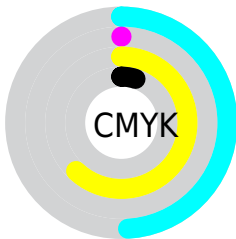
Distribution



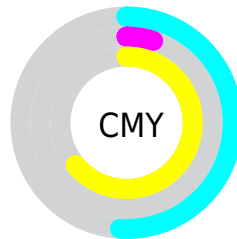
- Red (49%)
- Green (95%)
- Blue (36%)



- Red (36%)
- Yellow (95%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CF25B 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 7CF25B by changing the saturation by 10% instead.

 7CF25B

 7CF25B

FFFFFF

 5DD53F

 B8FF92

 3CB920

 D6FFAE

 079D00

 F4FFCB

 008200

 FFFF8

 006800

 004F00

 003700

 001E00

 000000

 7CF25B

 7CF25B

 69F243

 8FF273

 56F22B

 A2F28B

 43F212

 B5F2A4

 35F200

 C8F2BC

 DBF2D4

 EDF2EC

 FFF2FF

Harmonies

Analogous

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



DBE018



7CF25B



00FBAA

Triad

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



7CF25B



00EDFF



FF89B4

Complementary

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



7CF25B



D15BF2

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.



FF8FFF



7CF25B



7CD4FF

Square

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



7CF25B



00FAFF



FFB0FF



FFA268

Rectangle

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



7CF25B



00FEE3



FFB0FF



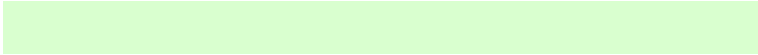
FF86CF

Sweetspot

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



7CF25B



D9FFCF



F2CF5B



698062



000000



808080

Same Dimension

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



7CF25B



6AFF40



5BF283



6E786C



28B800



0C3800

Inverse Universe

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



D15BF2



D540FF



F25BCA



756C78



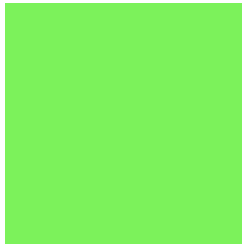
8F00B8



2C0038

Previews

White Background



This preview shows how the Hex color 7CF25B 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 7CF25B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

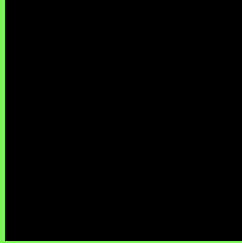
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

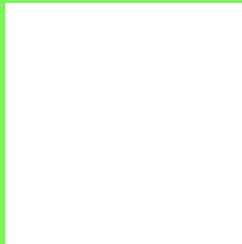
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7CF25B Background



This preview shows how black text looks on a background with the Hex color 7CF25B.

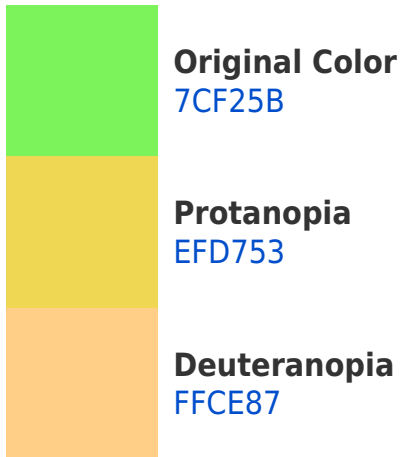


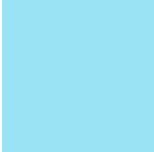
This preview shows how white text looks on a background with the Hex color 7CF25B.

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



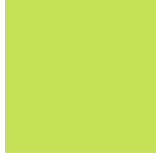


Tritanopia
99E3F5

Trichromacy



Original Color
7CF25B



Protanomaly
C5E156

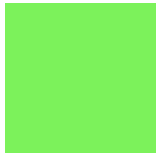


Deuteranomaly
CFDB77

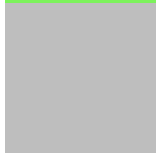


Tritanomaly
8EE8BD

Monochromacy



Original Color
7CF25B



Achromatopsia
BEBEBE



Achromatomaly
A6D19A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CF25B 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 #7CF25B looks like.

```
.text, #text, p{  
    color:#7CF25B  
}
```

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 #7CF25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF25B
}
```

Border

The CSS property to change the border of an element to Hex 7CF25B 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
#7CF25B }
```

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

```
.border{ border-color:#7CF25B }
```

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

Here you see how a box with a 4 pixel #7CF25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF25B; -webkit-box-shadow:4px 4px  
4px 4px #7CF25B; box-shadow:4px 4px 4px  
4px #7CF25B }
```

Background

The CSS property to change the background color of an element to Hex 7CF25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF25B }
```

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

```
.background{ background-color:#7CF25B }
```

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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