

Converting Colors

Hex(75EC25)

Have a look what the booklet for
Hex(75EC25) contains.

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Color

Hex(75EC25)

Conversions

Conversions Part 1

Format	Color
Hex	75EC25
RGB	117, 236, 37
RGB Percent	46%, 93%, 15%
CMY	0.5412, 0.0745, 0.8549
CMYK	0.50, 0.00, 0.84, 0.07
HSL	96°, 84%, 54%
HSV	96°, 84%, 93%
XYZ	37.6655, 63.9064, 12.1003
YIQ	177.7330, -7.0450, -87.1170

Conversions

Conversions Part 2

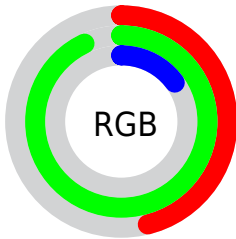
Format	Color
R _Y B	37, 236, 156
Decimal	7728165
CIE Lab	83.92, -63.42, 76.12
CIE LCh	84, 99.073, 129.801
Yxy	63.9064, 0.3314, 0.5622
Android (android.graphics.Color)	4285918245 (0xFF75EC25)
YUV	177.7330, -69.3814, -53.2628
Hunter-Lab	79.9415, -55.7949, 46.9847

Details

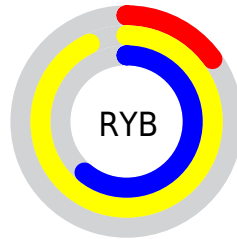
The Hex color **75EC25** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9C25EC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B3FF67**, and **2FB300** is the 20% darker color. If you saturate the color by 10%, you get **67EC0D**, and if you desaturate by 10%, it is **83EC3D**.

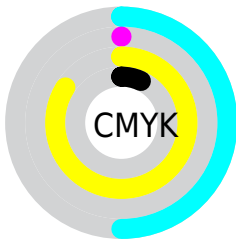
Distribution



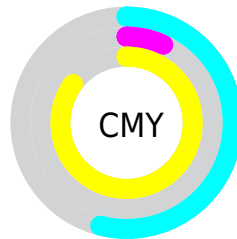
- Red (46%)
- Green (93%)
- Blue (15%)



- Red (15%)
- Yellow (93%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (84%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EC25 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 75EC25 by changing the saturation by 10% instead.

 75EC25

 75EC25

FFFFFF

 55CF00

 B3FF67

 2FB300

 D1FF84

 009800

 F0FFA1

 007D00

 FFFFBE

 006300

 FFFFDC

 004900

 FFFFFA

 003200

 001600

 000000

 75EC25

 75EC25

 67EC0D

 83EC3D

 5FEC00

 91EC54

 9FEC6C

 ADEC83

 BCEC9B

 CAECB3

 D8ECCA

 E6ECE2

 F4ECF9

Harmonies

Analogous

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



DFD700



75EC25



00F78D

Triad

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



75EC25



00EDFF



FF66B7

Complementary

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



75EC25



9C25EC

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.



FF79FF



75EC25



00D3FF

Square

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



75EC25



00F9FF



F9A9FF



FF885D

Rectangle

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



75EC25



00FACE



F9A9FF



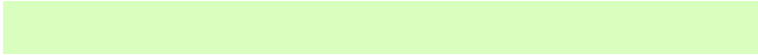
FF66D6

Sweetspot

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



75EC25



D9FFBF



EC9925



698059



000000



808080

Same Dimension

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



75EC25



67FF00



25EC36



6E756A



49B500



163600

Inverse Universe

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



9C25EC



9800FF



EC25DB



716A75



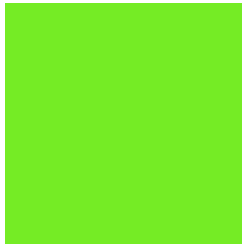
6C00B5



200036

Previews

White Background



This preview shows how the Hex color 75EC25 looks on a white background.

Color Contrast Check

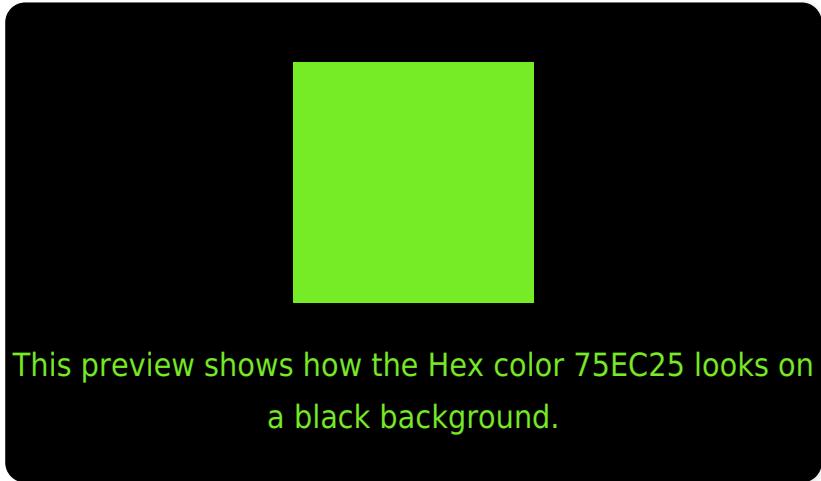
Large Text (above 18pt) WCAG AA × Fail

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

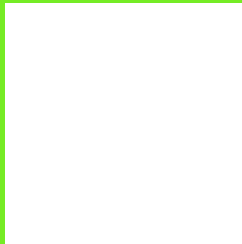
Any Text WCAG AAA ✓ Pass

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

Hex 75EC25 Background



This preview shows how black text looks on a background with the Hex color 75EC25.

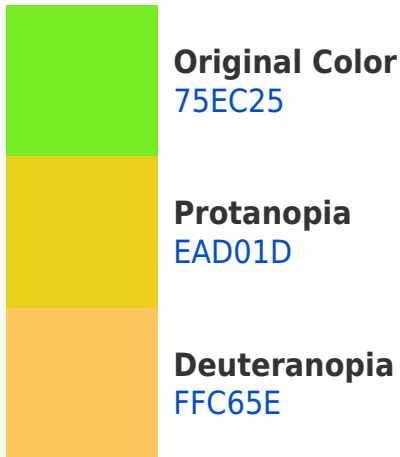


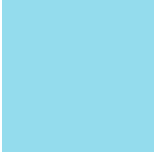
This preview shows how white text looks on a background with the Hex color 75EC25.

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](#).

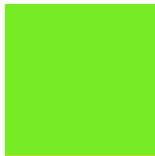
Dichromacy





Tritanopia
94DCED

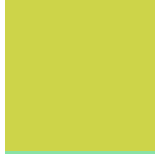
Trichromacy



Original Color
75EC25



Protanomaly
BFDA20



Deuteranomaly
CDD449

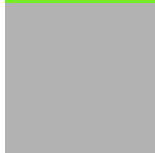


Tritanomaly
89E2A4

Monochromacy



Original Color
75EC25



Achromatopsia
B2B2B2



Achromatomaly
9CC77F

CSS Examples

Text

The CSS property to change the color of the text to Hex 75EC25 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 #75EC25 looks like.

```
.text, #text, p{  
    color:#75EC25  
}
```

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 #75EC25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EC25
}
```

Border

The CSS property to change the border of an element to Hex 75EC25 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
#75EC25 }
```

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

```
.border{ border-color:#75EC25 }
```

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

Here you see how a box with a 4 pixel #75EC25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EC25; -webkit-box-shadow:4px 4px  
4px 4px #75EC25; box-shadow:4px 4px 4px  
4px #75EC25 }
```

Background

The CSS property to change the background color of an element to Hex 75EC25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EC25 }
```

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

```
.background{ background-color:#75EC25 }
```

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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