

Converting Colors

Hex(E2FD52)

Have a look what the booklet for
Hex(E2FD52) contains.

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Color

Hex(E2FD52)

Conversions

Conversions Part 1

Format	Color
Hex	E2FD52
RGB	226, 253, 82
RGB Percent	89%, 99%, 32%
CMY	0.1137, 0.0078, 0.6784
CMYK	0.11, 0.00, 0.68, 0.01
HSL	69°, 98%, 66%
HSV	69°, 68%, 99%
XYZ	68.0123, 87.0285, 21.1962
YIQ	225.4330, 38.7990, -58.9050

Conversions

Conversions Part 2

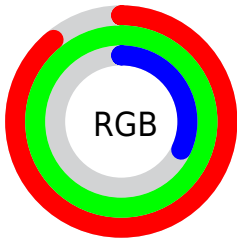
Format	Color
RYB	82, 253, 109
Decimal	14875986
CIELab	94.75, -30.15, 75.04
CIELCh	95, 80.869, 111.893
Yxy	87.0285, 0.3859, 0.4938
Android (android.graphics.Color)	4293066066 (0xFFE2FD52)
YUV	225.4330, -70.7125, 0.4973
Hunter-Lab	93.2891, -33.1206, 51.8311

Details

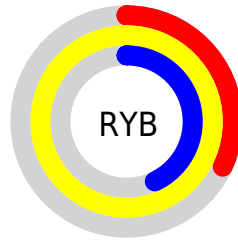
The Hex color **E2FD52** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6D52FD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF8C**, and **A7C400** is the 20% darker color. If you saturate the color by 10%, you get **DEFD39**, and if you desaturate by 10%, it is **E6FD6B**.

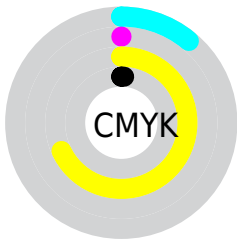
Distribution



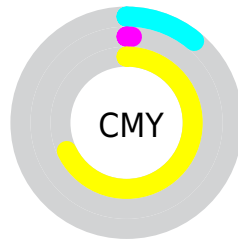
- Red (89%)
- Green (99%)
- Blue (32%)



- Red (32%)
- Yellow (99%)
- Blue (43%)



- Cyan (11%)
- Magenta (0%)
- Yellow (68%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2FD52 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 E2FD52 by changing the saturation by 10% instead.

 E2FD52

 E2FD52

FFFFFF

 C4E032

 FFFF8C

 A7C400

 FFFFA9

 8AA900

 FFFFC6

 6E8F00

 FFFF E3

 527500

 365C00

 184400

 002E00

 001900

 E2FD52

 E2FD52

 DEFD39

 E6FD6B

 DAFD1F

 EAFD85

 D6FD06

 EEFD9E

 D5FD00

 F2FDB7

 F6FDD1

 FAFDEA

 FEFDFE

 FFFDFE

Harmonies

Analogous

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



FFE54A



E2FD52



80FF8A

Triad

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



E2FD52



00FFFF



FFAAFF

Complementary

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



E2FD52



6D52FD

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.



FFC3FF



E2FD52



00FFFF

Square

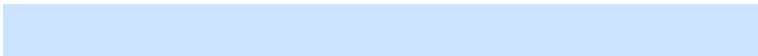
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2FD52



00FFFF



CCE4FF



FFACBA

Rectangle

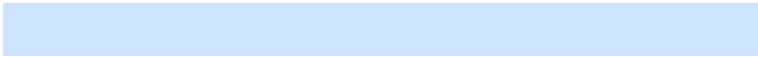
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2FD52



00FFBC



CCE4FF



FFB0FF

Sweetspot

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



E2FD52



F7FFCC



FD6C52



7B8061



000000



808080

Same Dimension

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



E2FD52



DEFF30



8EFD52



7D8073



A1BF00



364000

Inverse Universe

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



6D52FD



5130FF



C152FD



757380



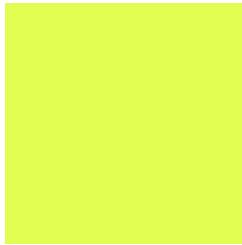
1E00BF



0A0040

Previews

White Background



This preview shows how the Hex color E2FD52 looks on a white background.

Color Contrast Check

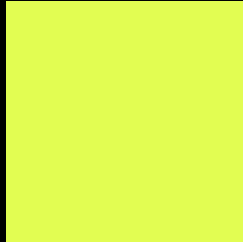
Large Text (above 18pt) WCAG AA × Fail

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 E2FD52 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 E2FD52 Background



This preview shows how black text looks on a background with the Hex color E2FD52.

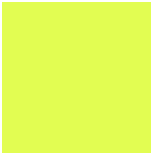
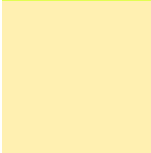
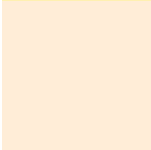


This preview shows how white text looks on a background with the Hex color E2FD52.

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 E2FD52
	Protanopia FFF0B1
	Deuteranopia FFEDD7

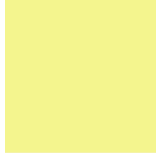


Tritanopia
F4ECFF

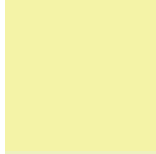
Trichromacy



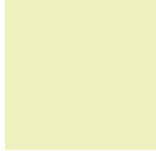
Original Color
E2FD52



Protanomaly
F4F58E



Deuteranomaly
F4F3A7

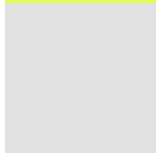


Tritanomaly
EDF2C0

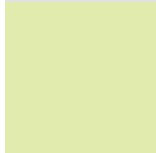
Monochromacy



Original Color
E2FD52



Achromatopsia
E1E1E1



Achromatomaly
E1EBAD

CSS Examples

Text

The CSS property to change the color of the text to Hex E2FD52 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 #E2FD52 looks like.

```
.text, #text, p{  
    color:#E2FD52  
}
```

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 #E2FD52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2FD52
}
```

Border

The CSS property to change the border of an element to Hex E2FD52 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
#E2FD52 }
```

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

```
.border{ border-color:#E2FD52 }
```

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

Here you see how a box with a 4 pixel #E2FD52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2FD52; -webkit-box-shadow:4px 4px  
4px 4px #E2FD52; box-shadow:4px 4px 4px  
4px #E2FD52 }
```

Background

The CSS property to change the background color of an element to Hex E2FD52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2FD52 }
```

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

```
.background{ background-color:#E2FD52 }
```

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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