

Converting Colors

Hex(E2F63B)

Have a look what the booklet for
Hex(E2F63B) contains.

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Color

Hex(E2F63B)

Conversions

Conversions Part 1

Format	Color
Hex	E2F63B
RGB	226, 246, 59
RGB Percent	89%, 96%, 23%
CMY	0.1137, 0.0353, 0.7686
CMYK	0.08, 0.00, 0.76, 0.04
HSL	66°, 91%, 60%
HSV	66°, 76%, 96%
XYZ	65.1092, 82.3961, 16.6101
YIQ	218.7020, 48.1070, -62.3970

Conversions

Conversions Part 2

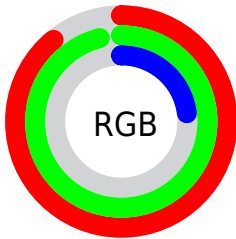
Format	Color
RYB	59, 246, 79
Decimal	14874171
CIELab	92.75, -27.98, 80.63
CIElCh	93, 85.352, 109.140
Yxy	82.3961, 0.3967, 0.5021
Android (android.graphics.Color)	4293064251 (0xFFE2F63B)
YUV	218.7020, -78.7331, 6.4003
Hunter-Lab	90.7723, -30.8168, 52.6913

Details

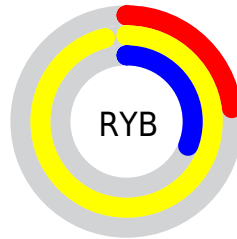
The Hex color **E2F63B** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4F3BF6**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF78**, and **A7BE00** is the 20% darker color. If you saturate the color by 10%, you get **DFF622**, and if you desaturate by 10%, it is **E5F654**.

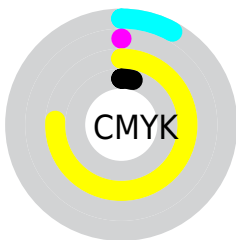
Distribution



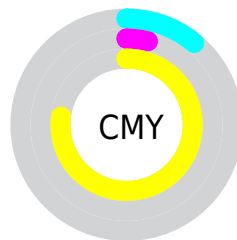
- Red (89%)
- Green (96%)
- Blue (23%)



- Red (23%)
- Yellow (96%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2F63B 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 E2F63B by changing the saturation by 10% instead.

 E2F63B

 E2F63B

FFFFFF

 C4DA0E

 FFFF78

 A7BE00

 FFFF96

 89A300

 FFFFB3

 6D8900

 FFFF00

 516F00

 FFFFEE

 345700

 183F00

 002900

 001100

 E2F63B

 E2F63B

 DFF622

 E5F654

 DDF60A

 E7F66C

 DCF600

 EAF685

 EDF69D

 EFF6B6

 F2F6CF

 F4F6E7

 F7F6FF

 FAF6FF

Harmonies

Analogous

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



FFDC39



E2F63B



7DFF78

Triad

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



E2F63B



00FFFF



FFA0FF

Complementary

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



E2F63B



4F3BF6

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.



FFBDFE



E2F63B



00FCFF

Square

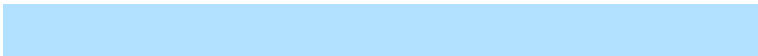
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2F63B



00FFFF



B2E1FF



FF9FB9

Rectangle

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



E2F63B



00FFAC



B2E1FF



FFA7FF

Sweetspot

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



E2F63B



F9FFC4



F64E3B



7C805C



000000



808080

Same Dimension

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



E2F63B



E6FF17



86F63B



797A6E



A6BA00



343B00

Inverse Universe

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



4F3BF6



3017FF



AB3BF6



6F6E7A



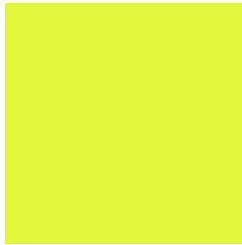
1400BA



06003B

Previews

White Background



This preview shows how the Hex color E2F63B looks on a white background.

Color Contrast Check

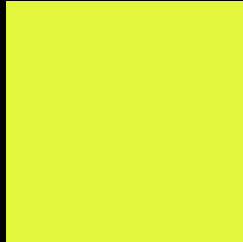
Large Text (above 18pt) WCAG AA × Fail

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 E2F63B 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 E2F63B Background



This preview shows how black text looks on a background with the Hex color E2F63B.

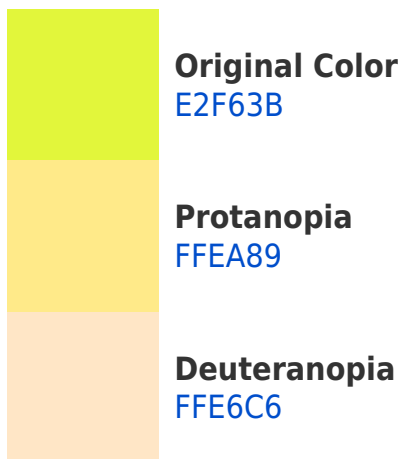


This preview shows how white text looks on a background with the Hex color E2F63B.

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](#).

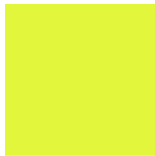
Dichromacy



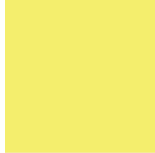


Tritanopia
F3E5F7

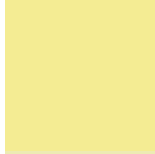
Trichromacy



Original Color
E2F63B



Protanomaly
F4EE6D



Deuteranomaly
F4EC93

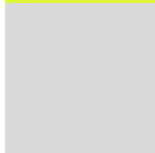


Tritanomaly
EDEBB3

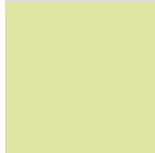
Monochromacy



Original Color
E2F63B



Achromatopsia
DBDBDB



Achromatomaly
DEE5A1

CSS Examples

Text

The CSS property to change the color of the text to Hex E2F63B 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 #E2F63B looks like.

```
.text, #text, p{  
    color:#E2F63B  
}
```

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 #E2F63B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F63B
}
```

Border

The CSS property to change the border of an element to Hex E2F63B 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
#E2F63B }
```

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

```
.border{ border-color:#E2F63B }
```

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

Here you see how a box with a 4 pixel #E2F63B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F63B; -webkit-box-shadow:4px 4px  
4px 4px #E2F63B; box-shadow:4px 4px 4px  
4px #E2F63B }
```

Background

The CSS property to change the background color of an element to Hex E2F63B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F63B }
```

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

```
.background{ background-color:#E2F63B }
```

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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