

Converting Colors

Hex(E0EA27)

Have a look what the booklet for
Hex(E0EA27) contains.

Hex(E0EA27)	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(E0EA27)

Conversions

Conversions Part 1

Format	Color
Hex	E0EA27
RGB	224, 234, 39
RGB Percent	88%, 92%, 15%
CMY	0.1216, 0.0824, 0.8471
CMYK	0.04, 0.00, 0.83, 0.08
HSL	63°, 82%, 54%
HSV	63°, 83%, 92%
XYZ	60.5295, 74.8394, 13.1747
YIQ	208.7800, 56.6350, -62.7650

Conversions

Conversions Part 2

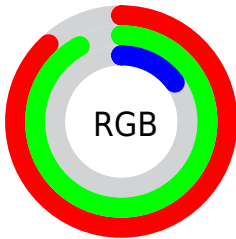
Format	Color
R _Y B	39, 234, 49
Decimal	14740007
CIE Lab	89.32, -23.78, 82.66
CIE LCh	89, 86.013, 106.049
Yxy	74.8394, 0.4075, 0.5038
Android (android.graphics.Color)	4292930087 (0xFFE0EA27)
YUV	208.7800, -83.7015, 13.3479
Hunter-Lab	86.5098, -26.4985, 51.5275

Details

The Hex color **E0EA27** 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 **3127EA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF69**, and **A4B300** is the 20% darker color. If you saturate the color by 10%, you get **DFEA10**, and if you desaturate by 10%, it is **E1EA3E**.

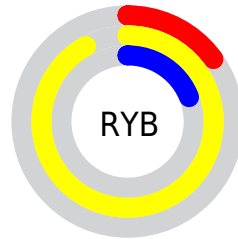
Distribution



Red (88%)

Green (92%)

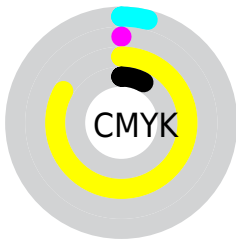
Blue (15%)



Red (15%)

Yellow (92%)

Blue (19%)

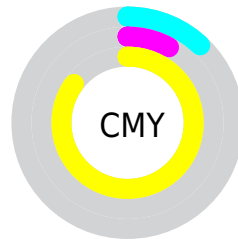


Cyan (4%)

Magenta (0%)

Yellow (83%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0EA27 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 E0EA27 by changing the saturation by 10% instead.

 E0EA27

 E0EA27

FFFFFF

 C2CE00

 FFFF69

 A4B300

 FFFF87

 879800

 FFFFA4

 6B7E00

 FFFF C2

 4E6500

 FFFF DF

 334D00

FFFFFFD

 173600

 002200

 000000

 E0EA27

 E0EA27

 DFEA10

 E1EA3E

 DEEA00

 E2EA56

 E4EA6D

 E5EA85

 E6EA9C

 E7EAB3

 E8EACB

 EAEAE2

 EBEAFA

Harmonies

Analogous

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



FFCF2F



E0EA27



7FFC66

Triad

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



E0EA27



00FFFF



FF96FF

Complementary

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



E0EA27



3127EA

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.



FFB7FF



E0EA27



00F5FF

Square

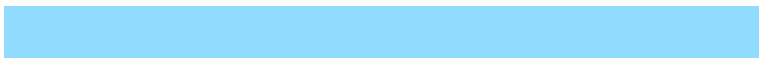
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0EA27



00FFFF



91DBFF



FF92B8

Rectangle

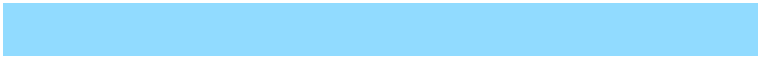
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0EA27



00FF9A



91DBFF



FF9FFF

Sweetspot

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



E0EA27



FCFFBF



EA3127



7E8059



000000



808080

Same Dimension

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



E0EA27



F2FF00



7FEA27



75756A



ACB500



333600

Inverse Universe

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



3127EA



0D00FF



9227EA



6A6A75



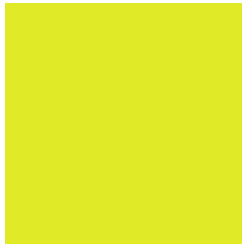
0900B5



030036

Previews

White Background



This preview shows how the Hex color E0EA27 looks on a white background.

Color Contrast Check

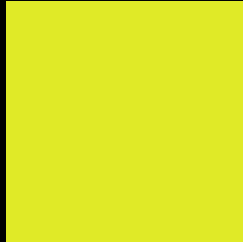
Large Text (above 18pt) WCAG AA × Fail

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 E0EA27 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 E0EA27 Background



This preview shows how black text looks on a background with the Hex color E0EA27.

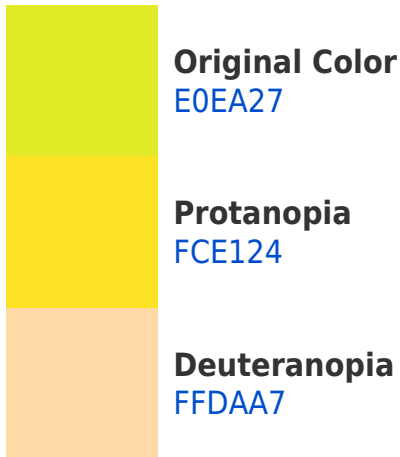


This preview shows how white text looks on a background with the Hex color E0EA27.

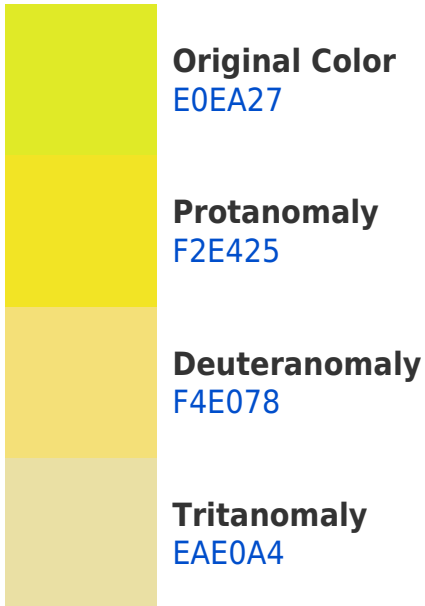
Color Blindness Simulation

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](#).

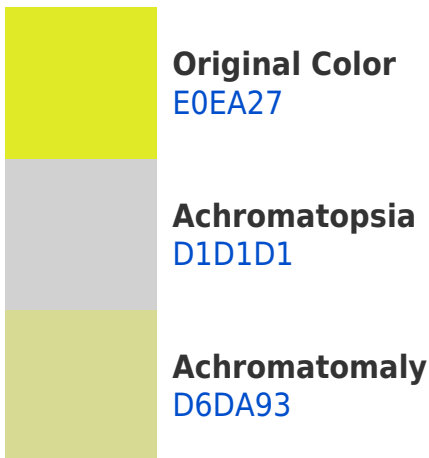
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0EA27 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 #E0EA27 looks like.

```
.text, #text, p{  
    color:#E0EA27  
}
```

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 #E0EA27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EA27
}
```

Border

The CSS property to change the border of an element to Hex E0EA27 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
#E0EA27 }
```

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

```
.border{ border-color:#E0EA27 }
```

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

Here you see how a box with a 4 pixel #E0EA27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EA27; -webkit-box-shadow:4px 4px  
4px 4px #E0EA27; box-shadow:4px 4px 4px  
4px #E0EA27 }
```

Background

The CSS property to change the background color of an element to Hex E0EA27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EA27 }
```

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

```
.background{ background-color:#E0EA27 }
```

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