

Converting Colors

Hex(E0EA52)

Have a look what the booklet for
Hex(E0EA52) contains.

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Color

Hex(E0EA52)

Conversions

Conversions Part 1

Format	Color
Hex	E0EA52
RGB	224, 234, 82
RGB Percent	88%, 92%, 32%
CMY	0.1216, 0.0824, 0.6784
CMYK	0.04, 0.00, 0.65, 0.08
HSL	64°, 78%, 62%
HSV	64°, 65%, 92%
XYZ	61.6863, 75.3021, 19.2662
YIQ	213.6820, 42.8320, -49.3920

Conversions

Conversions Part 2

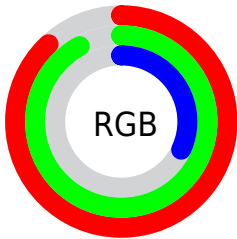
Format	Color
R_{YB}	82, 234, 92
Decimal	14740050
CIE Lab	89.53, -21.99, 69.67
CIE LCh	90, 73.062, 107.516
Yxy	75.3021, 0.3948, 0.4819
Android (android.graphics.Color)	4292930130 (0xFFE0EA52)
YUV	213.6820, -64.9192, 9.0489
Hunter-Lab	86.7768, -24.9706, 47.5802

Details

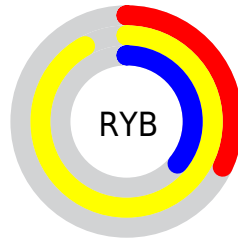
The Hex color **E0EA52** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5C52EA**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF8A**, and **A5B20C** is the 20% darker color. If you saturate the color by 10%, you get **DEEA3B**, and if you desaturate by 10%, it is **E2EA69**.

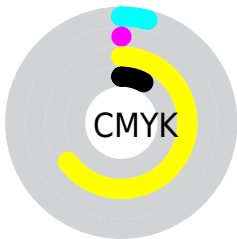
Distribution



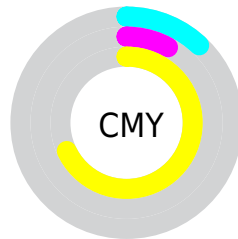
- Red (88%)
- Green (92%)
- Blue (32%)



- Red (32%)
- Yellow (92%)
- Blue (36%)



- Cyan (4%)
- Magenta (0%)
- Yellow (65%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0EA52 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 E0EA52 by changing the saturation by 10% instead.

 E0EA52

 E0EA52

FFFFFF

 C2CE34

 FFFF8A

 A5B20C

 FFFFA7

 899800

 FFFFC3

 6D7E00

 FFFFEO

 526500

FFFFFFE

 364D00

 1C3600

 002100

 000000

 E0EA52

 E0EA52

 DEEA3B

 E2EA69

 DDEA23

 E3EA81

 DBEA0C

 E5EA98

 DBEA00

 E6EAB0

 E8EAC7

 E9EADE

 EBEAF6

 ECEAFF

 EEEAFF

Harmonies

Analogous

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



FFD352



E0EA52



8FF97E

Triad

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



E0EA52



00FEFF



FFA6FF

Complementary

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



E0EA52



5C52EA

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.



FFBEFF



E0EA52



00F1FF

Square

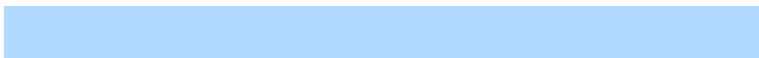
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0EA52



00FFFF



B0DAFF



FFA4BB

Rectangle

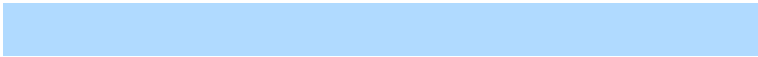
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0EA52



2EFA9



B0DAFF



FFACFF

Sweetspot

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



E0EA52



FCFFCF



EA5A52



7E8062



000000



808080

Same Dimension

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



E0EA52



F2FF38



96EA52



75756A



A9B500



323600

Inverse Universe

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



5C52EA



4538FF



A652EA



6A6A75



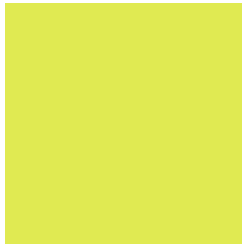
0C00B5



040036

Previews

White Background



This preview shows how the Hex color E0EA52 looks on a white background.

Color Contrast Check

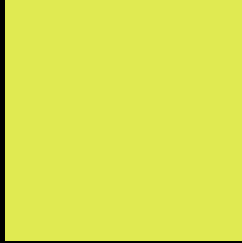
Large Text (above 18pt) WCAG AA × Fail

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 E0EA52 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 E0EA52 Background



This preview shows how black text looks on a background with the Hex color E0EA52.



This preview shows how white text looks on a background with the Hex color E0EA52.

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

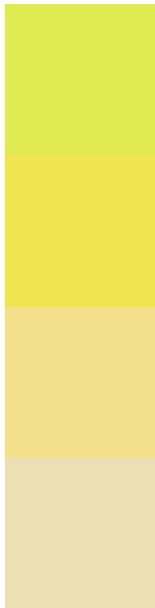


Original Color
E0EA52

Protanopia
FBE150

Deuteranopia
FFDBAB

Trichromacy



Original Color
E0EA52

Protanomaly
F1E451

Deuteranomaly
F4E08B

Tritanomaly
EAE0B4

Monochromacy



Original Color
E0EA52

Achromatopsia
D6D6D6

Achromatomaly
DADDA6

CSS Examples

Text

The CSS property to change the color of the text to Hex E0EA52 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 #E0EA52 looks like.

```
.text, #text, p{  
    color:#E0EA52  
}
```

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 #E0EA52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EA52
}
```

Border

The CSS property to change the border of an element to Hex E0EA52 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
#E0EA52 }
```

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

```
.border{ border-color:#E0EA52 }
```

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

Here you see how a box with a 4 pixel #E0EA52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EA52; -webkit-box-shadow:4px 4px  
4px 4px #E0EA52; box-shadow:4px 4px 4px  
4px #E0EA52 }
```

Background

The CSS property to change the background color of an element to Hex E0EA52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EA52 }
```

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

```
.background{ background-color:#E0EA52 }
```

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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