

Converting Colors

Hex(E1C553)

Have a look what the booklet for
Hex(E1C553) contains.

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Color

Hex(E1C553)

Conversions

Conversions Part 1

Format	Color
Hex	E1C553
RGB	225, 197, 83
RGB Percent	88%, 77%, 33%
CMY	0.1176, 0.2275, 0.6745
CMYK	0.00, 0.12, 0.63, 0.12
HSL	48°, 70%, 60%
HSV	48°, 63%, 88%
XYZ	52.5789, 56.5646, 16.3305
YIQ	192.3760, 53.2820, -29.5180

Conversions

Conversions Part 2

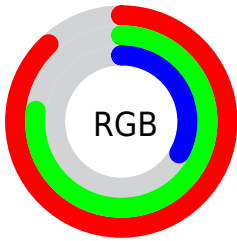
Format	Color
RYB	118, 225, 83
Decimal	14796115
CIELab	79.93, -3.06, 59.14
CIELCh	80, 59.221, 92.960
Yxy	56.5646, 0.4190, 0.4508
Android (android.graphics.Color)	4292986195 (0xFFE1C553)
YUV	192.3760, -53.9224, 28.6112
Hunter-Lab	75.2094, -6.8271, 39.7728

Details

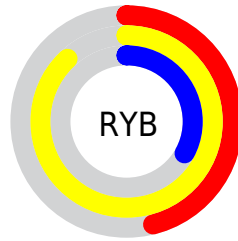
The Hex color **E1C553** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **536FE1**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFD89**, and **A6901A** is the 20% darker color. If you saturate the color by 10%, you get **E1C13C**, and if you desaturate by 10%, it is **E1C96A**.

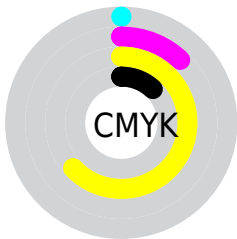
Distribution



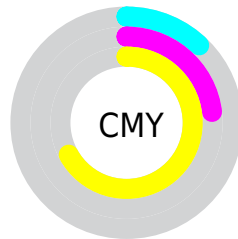
- Red (88%)
- Green (77%)
- Blue (33%)



- Red (46%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1C553 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 E1C553 by changing the saturation by 10% instead.

 E1C553

 E1C553

FFFFFF

 C3AA38

 FFFD89

 A6901A

 FFFFA4

 8A7600

 FFFFC0

 6E5E00

 FFFFDD

 534600

 FFFFFA

 393000

 201C00

 000000

 E1C553


 E1C553

 E1C13C

 E1C96A

 E1BC26

 E1CE80

 E1B810

 E1D297

 E1B500

 E1D7AD

 E1DBC3

 E1E0DA

 E1E4F0

 E1E8FF

 E1EDFF

Harmonies

Analogous

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



FFB164



E1C553



A8D465

Triad

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



E1C553



00E1FF



FFA1F9

Complementary

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



E1C553



536FE1

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.



D1B5FF



E1C553



00D9FF

Square

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



E1C553



00E2CA



6ACAFF



FF97C3

Rectangle

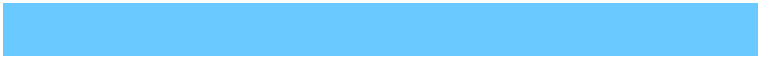
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1C553



79DB81



6ACAFF



FEA7FF

Sweetspot

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



E1C553



FFF5CF



E1536F



807A62



000000



808080

Same Dimension

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



E1C553



FFD93D



B6E153



706E65



B08D00



302700

Inverse Universe

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



536FE1



3D63FF



7E53E1



656770



0023B0



000A30

Previews

White Background



This preview shows how the Hex color E1C553 looks on a white background.

Color Contrast Check

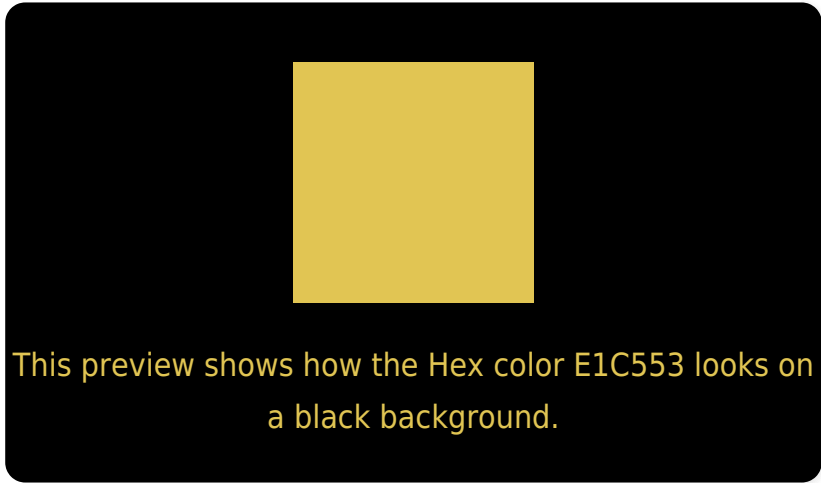
Large Text (above 18pt) WCAG AA × Fail

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 E1C553 Background



This preview shows how black text looks on a background with the Hex color E1C553.



This preview shows how white text looks on a background with the Hex color E1C553.

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
E1C553

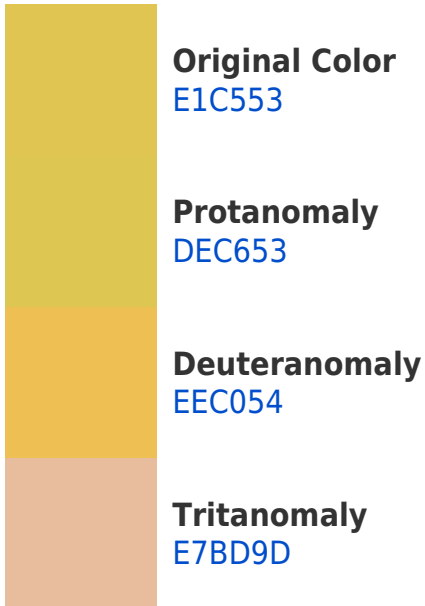
Protanopia
DDC753

Deuteranopia
F6BD55

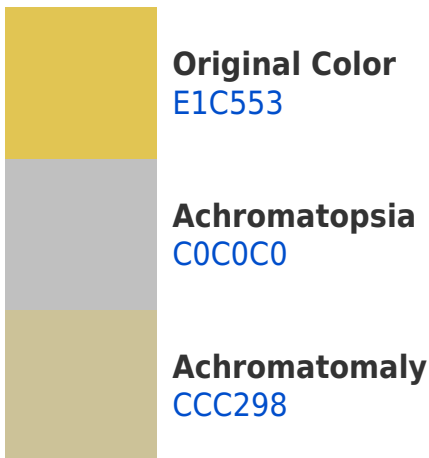


Tritanopia
EBB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1C553 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 #E1C553 looks like.

```
.text, #text, p{  
    color:#E1C553  
}
```

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 #E1C553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1C553
}
```

Border

The CSS property to change the border of an element to Hex E1C553 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
#E1C553 }
```

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

```
.border{ border-color:#E1C553 }
```

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

Here you see how a box with a 4 pixel #E1C553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1C553; -webkit-box-shadow:4px 4px  
4px 4px #E1C553; box-shadow:4px 4px 4px  
4px #E1C553 }
```

Background

The CSS property to change the background color of an element to Hex E1C553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1C553 }
```

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

```
.background{ background-color:#E1C553 }
```

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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