

Converting Colors

Hex(E2D327)

Have a look what the booklet for
Hex(E2D327) contains.

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Color

Hex(E2D327)

Conversions

Conversions Part 1

Format	Color
Hex	E2D327
RGB	226, 211, 39
RGB Percent	89%, 83%, 15%
CMY	0.1137, 0.1725, 0.8471
CMYK	0.00, 0.07, 0.83, 0.11
HSL	55°, 76%, 52%
HSV	55°, 83%, 89%
XYZ	55.0245, 62.9038, 11.1610
YIQ	195.8770, 64.1520, -50.3120

Conversions

Conversions Part 2

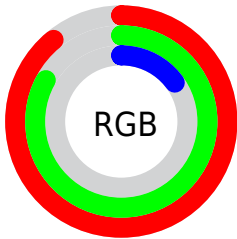
Format	Color
RYB	55, 226, 39
Decimal	14865191
CIELab	83.39, -11.69, 77.76
CIELCh	83, 78.639, 98.552
Yxy	62.9038, 0.4263, 0.4873
Android (android.graphics.Color)	4293055271 (0xFFE2D327)
YUV	195.8770, -77.3404, 26.4179
Hunter-Lab	79.3119, -14.9572, 47.1749

Details

The Hex color **E2D327** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2736E2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF66**, and **A69D00** is the 20% darker color. If you saturate the color by 10%, you get **E2D110**, and if you desaturate by 10%, it is **E2D53E**.

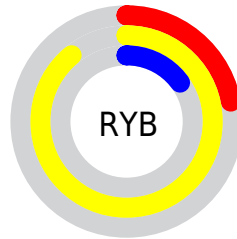
Distribution



Red (89%)

Green (83%)

Blue (15%)



Red (22%)

Yellow (89%)

Blue (15%)

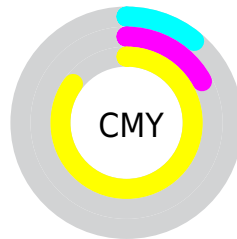


Cyan (0%)

Magenta (7%)

Yellow (83%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2D327 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 E2D327 by changing the saturation by 10% instead.

 E2D327

 E2D327

FFFFFF

 C4B800

 FFFF66

 A69D00


 FFFF83

 898300

 FFFFA0

 6D6A00

 FFFFBD

 515200

 FFFFDA

 363B00

 FFFFF8

 1D2600

 001300

 000000

 E2D327

 E2D327

 E2D110

 E2D53E

 E2D000

 E2D754

 E2D86B

 E2DA81

 E2DC98

 E2DEAF

 E2E0C5

 E2E2DC

 E2E3F2

Harmonies

Analogous

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



FFB83E



E2D327



92E553

Triad

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



E2D327



00F1FF



FF94FF

Complementary

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



E2D327



2736E2

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.



EEB3FF



E2D327



00E6FF

Square

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



E2D327



00F3E4



52D1FF



FF88BE

Rectangle

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



E2D327



3CED7E



52D1FF



FF9DFF

Sweetspot

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



E2D327



FFFABF



E22737



807C59



000000



808080

Same Dimension

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



E2D327



FFEB03



94E227



706F65



B0A200



302D00

Inverse Universe

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



2736E2



0317FF



7527E2



656670



000EB0



000430

Previews

White Background



This preview shows how the Hex color E2D327 looks on a white background.

Color Contrast Check

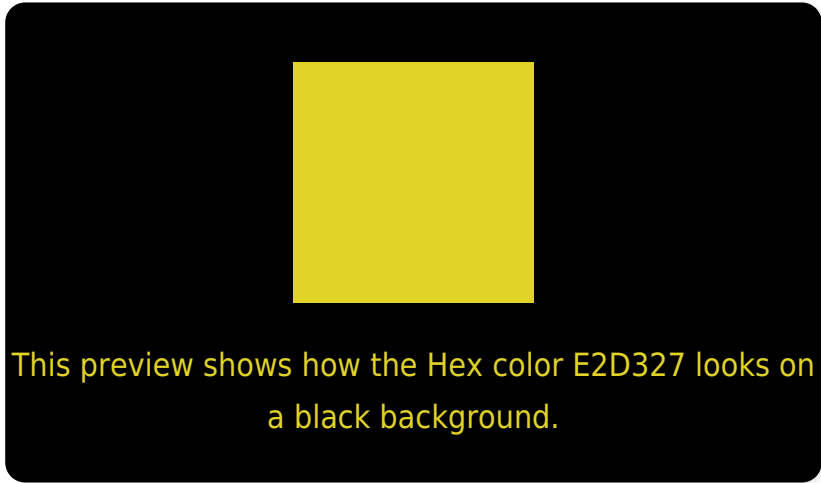
Large Text (above 18pt) WCAG AA × Fail

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 E2D327 Background



This preview shows how black text looks on a background with the Hex color E2D327.



This preview shows how white text looks on a background with the Hex color E2D327.

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
E2D327

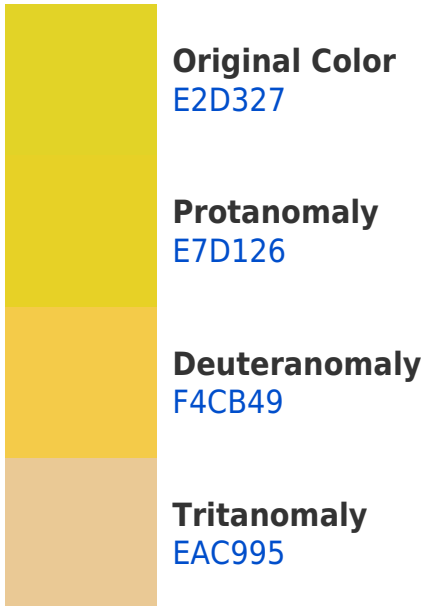
Protanopia
EAD026

Deuteranopia
FFC75D

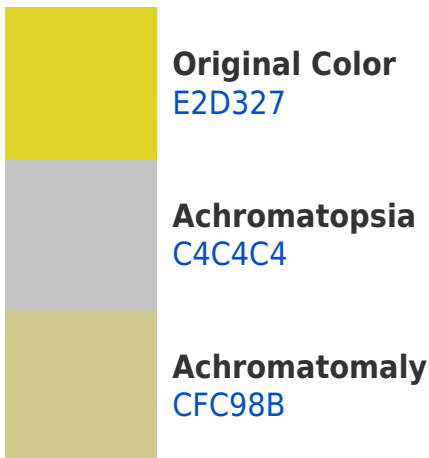


Tritanopia
EFC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2D327 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 #E2D327 looks like.

```
.text, #text, p{  
    color:#E2D327  
}
```

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 #E2D327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D327
}
```

Border

The CSS property to change the border of an element to Hex E2D327 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
#E2D327 }
```

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

```
.border{ border-color:#E2D327 }
```

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

Here you see how a box with a 4 pixel #E2D327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D327; -webkit-box-shadow:4px 4px  
4px 4px #E2D327; box-shadow:4px 4px 4px  
4px #E2D327 }
```

Background

The CSS property to change the background color of an element to Hex E2D327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D327 }
```

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

```
.background{ background-color:#E2D327 }
```

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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