

Converting Colors

Hex(EAD625)

Have a look what the booklet for
Hex(EAD625) contains.

| | |
|--|----|
| Hex(EAD625) | 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(EAD625)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAD625 |
| RGB | 234, 214, 37 |
| RGB Percent | 92%, 84%, 15% |
| CMY | 0.0824, 0.1608, 0.8549 |
| CMYK | 0.00, 0.09, 0.84, 0.08 |
| HSL | 54°, 82%, 53% |
| HSV | 54°, 84%, 92% |
| XYZ | 58.3122, 65.7191, 11.3619 |
| YIQ | 199.8020, 68.7370, -50.8070 |

Conversions

Conversions Part 2

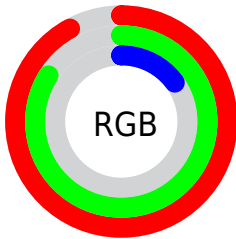
| Format | Color |
|-------------------------------------|--|
| RYB | 59, 234, 37 |
| Decimal | 15390245 |
| CIELab | 84.85, -9.85, 79.73 |
| CIELCh | 85, 80.332, 97.045 |
| Yxy | 65.7191, 0.4307, 0.4854 |
| Android (android.graphics.Color) | 4293580325 (0xFFEAD625) |
| YUV | 199.8020, -80.2614, 29.9916 |
| Hunter-Lab | 81.0673, -13.4718, 48.4374 |

Details

The Hex color **EAD625** 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 **2539EA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF66**, and **AEA000** is the 20% darker color. If you saturate the color by 10%, you get **EAD40E**, and if you desaturate by 10%, it is **EAD83C**.

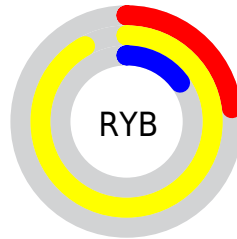
Distribution



Red (92%)

Green (84%)

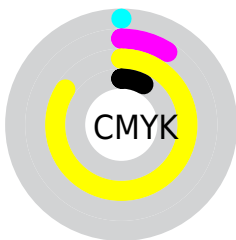
Blue (15%)



Red (23%)

Yellow (92%)

Blue (15%)

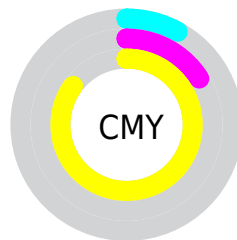


Cyan (0%)

Magenta (9%)

Yellow (84%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAD625 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 EAD625 by changing the saturation by 10% instead.

 EAD625

 EAD625

FFFFFF

 CCBA00

 FFFF66

 AEA000

 FFFF83

 908600

 FFFFA0

 746D00

 FFFFBD

 585500

 FFFFDA

 3D3E00

 FFFFF8

 232800

 021500

 000000

 EAD625

 EAD625

 EAD40E

 EAD83C

 EAD200

 EADB54

 EADD6B

 EAE083

 EAE29A

 EAE4B1

 EAE7C9

 EAE9E0

 EAEBF8

Harmonies

Analogous

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



FFBA41



EAD625



99E950

Triad

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



EAD625



00F6FF



FF98FF

Complementary

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



EAD625



2539EA

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.



EEB8FF



EAD625



00ECFF

Square

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



EAD625



00F8E4



3ED7FF



FF8AC5

Rectangle

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



EAD625



46F17D



3ED7FF



FFA1FF

Sweetspot

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



EAD625



FFF9BF



EA253C



807C59



000000



808080

Same Dimension

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



EAD625



FFE500



9EEA25



75746A



B5A300



363000

Inverse Universe

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



2539EA



001AFF



7125EA



6A6B75



0012B5



000536

Previews

White Background



This preview shows how the Hex color EAD625 looks on a white background.

Color Contrast Check

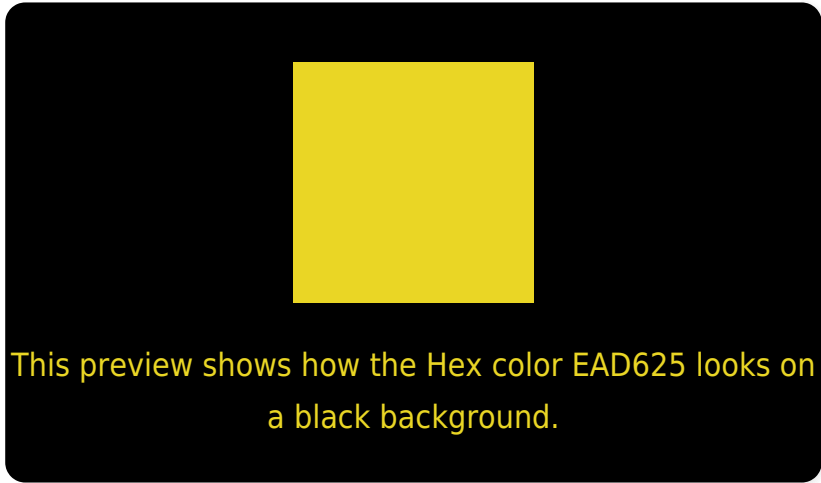
Large Text (above 18pt) WCAG AA × Fail

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 EAD625 Background



This preview shows how black text looks on a background with the Hex color EAD625.

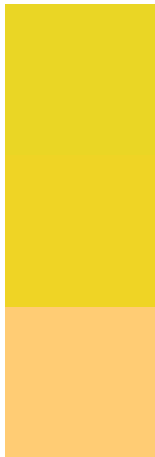


This preview shows how white text looks on a background with the Hex color EAD625.

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
EAD625

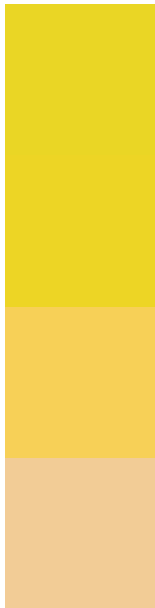
Protanopia
EFD425

Deuteranopia
FFCC74



Tritanopia
F7C7D7

Trichromacy



Original Color
EAD625

Protanomaly
EDD525

Deuteranomaly
F7D057

Tritanomaly
F2CC96

Monochromacy



Original Color
EAD625

Achromatopsia
C8C8C8

Achromatomaly
D4CD8D

CSS Examples

Text

The CSS property to change the color of the text to Hex EAD625 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 #EAD625 looks like.

```
.text, #text, p{  
    color:#EAD625  
}
```

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 #EAD625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAD625  
}
```

Border

The CSS property to change the border of an element to Hex EAD625 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  
#EAD625 }
```

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

```
.border{ border-color:#EAD625 }
```

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

Here you see how a box with a 4 pixel #EAD625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAD625; -webkit-box-shadow:4px 4px  
4px 4px #EAD625; box-shadow:4px 4px 4px  
4px #EAD625 }
```

Background

The CSS property to change the background color of an element to Hex EAD625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAD625 }
```

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

```
.background{ background-color:#EAD625 }
```

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