

Converting Colors

Hex(E6AC5D)

Have a look what the booklet for
Hex(E6AC5D) contains.

Hex(E6AC5D)	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(E6AC5D)

Conversions

Conversions Part 1

Format	Color
Hex	E6AC5D
RGB	230, 172, 93
RGB Percent	90%, 67%, 36%
CMY	0.0980, 0.3255, 0.6353
CMYK	0.00, 0.25, 0.60, 0.10
HSL	35°, 73%, 63%
HSV	35°, 60%, 90%
XYZ	49.3614, 47.1184, 16.8490
YIQ	180.3360, 59.9270, -12.2730

Conversions

Conversions Part 2

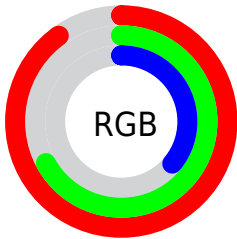
Format	Color
RYB	194, 230, 93
Decimal	15117405
CIELab	74.27, 12.83, 48.26
CIELCh	74, 49.931, 75.115
Yxy	47.1184, 0.4356, 0.4158
Android (android.graphics.Color)	4293307485 (0xFFE6AC5D)
YUV	180.3360, -43.0566, 43.5553
Hunter-Lab	68.6428, 8.2354, 33.4967

Details

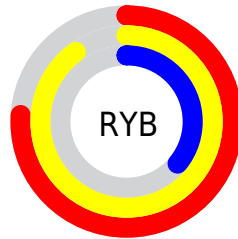
The Hex color **E6AC5D** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5D97E6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE391**, and **AB782B** is the 20% darker color. If you saturate the color by 10%, you get **E6A246**, and if you desaturate by 10%, it is **E6B674**.

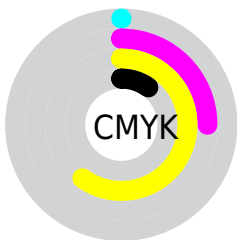
Distribution



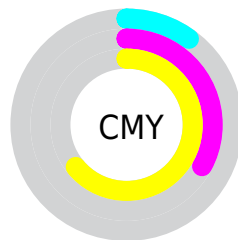
- Red (90%)
- Green (67%)
- Blue (36%)



- Red (76%)
- Yellow (90%)
- Blue (36%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6AC5D 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 E6AC5D by changing the saturation by 10% instead.

 E6AC5D

 E6AC5D

FFFFFF

 C89144

 FFE391

 AB782B

 FFFFAD

 8E5F0F

 FFFFC8

 724700

 FFFF E5

 573100

 3C1C00

 240500

 000000

 E6AC5D

 E6AC5D

 E6A246

 E6B674

 E6992F

 E6BF8B

 E68F18

 E6C9A2

 E68501

 E6D3B9

 E68500

 E6DDD0

 E6E6E7

 E6F0FE

 E6FAFF

 E6FFFF

Harmonies

Analogous

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



FF9C78



E6AC5D



BCBB5B

Triad

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



E6AC5D



00CECD



D8A2F8

Complementary

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



E6AC5D



5D97E6

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.



96B3FF



E6AC5D



00CBF6

Square

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



E6AC5D



41CD9E



1EC2FF



FF94CF

Rectangle

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



E6AC5D



9BC369



1EC2FF



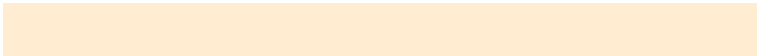
C5A8FF

Sweetspot

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



E6AC5D



FFECD1



E65D98



807463



000000



808080

Same Dimension

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



E6AC5D



FFB24A



DDE65D



736E67



B36700



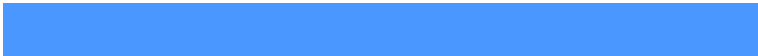
331D00

Inverse Universe

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



5D97E6



4A97FF



665DE6



676C73



004CB3



001633

Previews

White Background



This preview shows how the Hex color E6AC5D looks on a white background.

Color Contrast Check

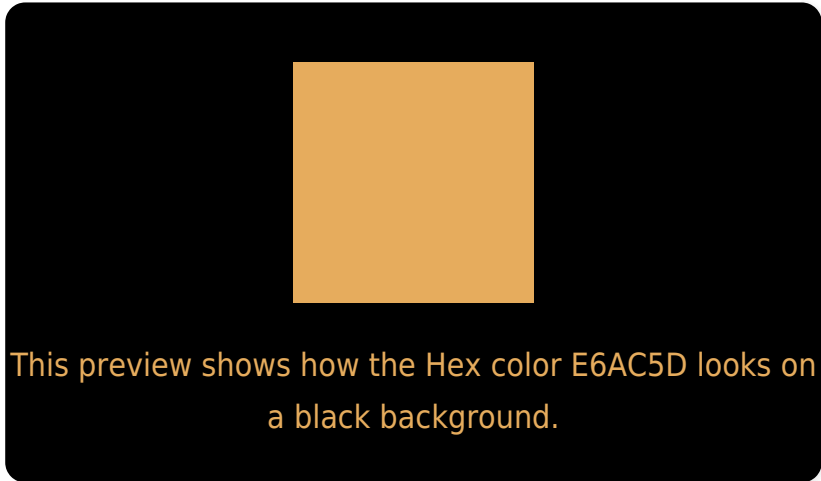
Large Text (above 18pt) WCAG AA × Fail

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

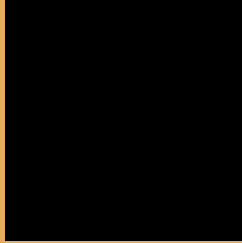
Any Text WCAG AA ✓ Pass

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 E6AC5D Background



This preview shows how black text looks on a background with the Hex color E6AC5D.



This preview shows how white text looks on a background with the Hex color E6AC5D.

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
E6AC5D

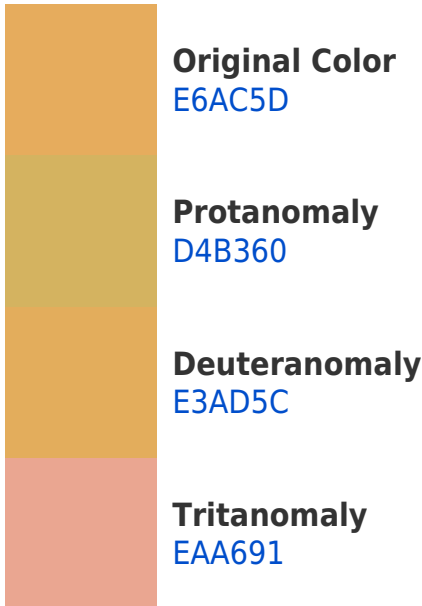
Protanopia
CAB761

Deuteranopia
E1AE5C



Tritanopia
ECA3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6AC5D 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 #E6AC5D looks like.

```
.text, #text, p{  
    color:#E6AC5D  
}
```

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 #E6AC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AC5D
}
```

Border

The CSS property to change the border of an element to Hex E6AC5D 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
#E6AC5D }
```

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

```
.border{ border-color:#E6AC5D }
```

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

Here you see how a box with a 4 pixel #E6AC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AC5D; -webkit-box-shadow:4px 4px  
4px 4px #E6AC5D; box-shadow:4px 4px 4px  
4px #E6AC5D }
```

Background

The CSS property to change the background color of an element to Hex E6AC5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AC5D }
```

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

```
.background{ background-color:#E6AC5D }
```

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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