

Converting Colors

Hex(E0A366)

Have a look what the booklet for
Hex(E0A366) contains.

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Color

Hex(E0A366)

Conversions

Conversions Part 1

Format	Color
Hex	E0A366
RGB	224, 163, 102
RGB Percent	88%, 64%, 40%
CMY	0.1216, 0.3608, 0.6000
CMYK	0.00, 0.27, 0.54, 0.12
HSL	30°, 66%, 64%
HSV	30°, 54%, 88%
XYZ	46.2359, 43.0010, 18.4335
YIQ	174.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

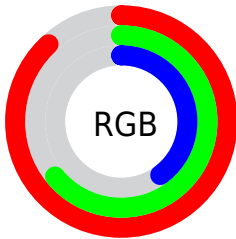
Format	Color
R_{YB}	224, 224, 102
Decimal	14721894
CIE _{Lab}	71.56, 15.84, 40.32
CIE _{LCh}	72, 43.317, 68.553
Yxy	43.0010, 0.4294, 0.3994
Android (android.graphics.Color)	4292911974 (0xFFE0A366)
YUV	174.2850, -35.6365, 43.6001
Hunter-Lab	65.5751, 11.1009, 29.2359

Details

The Hex color **E0A366** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66A3E0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDA9A**, and **A66F35** is the 20% darker color. If you saturate the color by 10%, you get **E09850**, and if you desaturate by 10%, it is **E0AE7C**.

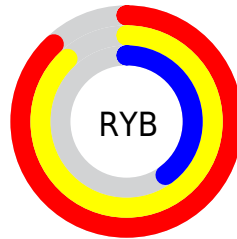
Distribution



Red (88%)

Green (64%)

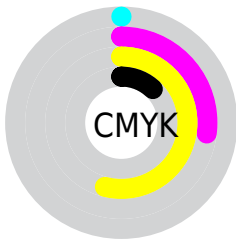
Blue (40%)



Red (88%)

Yellow (88%)

Blue (40%)

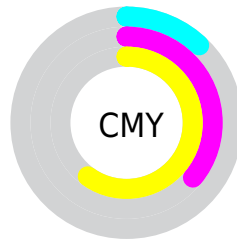


Cyan (0%)

Magenta (27%)

Yellow (54%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0A366 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 E0A366 by changing the saturation by 10% instead.

 E0A366

 E0A366

FFFFFF

 C3894D

 FFDA9A

 A66F35

 FFF6B5

 89571D

 FFFFD1

 6E3F03

 FFFFEE

 532900

 381400

 210000

 000000

 E0A366

 E0A366

 E09850

 E0AE7C

 E08D39

 E0B993

 E08123

 E0C5A9

 E0760C

 E0D0C0

 E07000

 E0DBD6

 E0E6EC

 E0F1FF

 E0FDFF

 E0FFFF

Harmonies

Analogous

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



F69680



E0A366



BDB160

Triad

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



E0A366



00C4BA



C2A1ED

Complementary

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



E0A366



66A3E0

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.



86AFFD



E0A366



00C2DF

Square

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



E0A366



5FC291



2FBBF8



EA94CD

Rectangle

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



E0A366



A2B868



2FBBF8



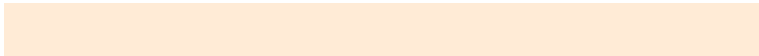
B0A6F5

Sweetspot

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



E0A366



FFEBD6



E066A3



807367



000000



808080

Same Dimension

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



E0A366



FFAC59



E0DE66



706B65



B05800



301800

Inverse Universe

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



66A3E0



59ACFF



6666E0



656B70



0058B0



001830

Previews

White Background



This preview shows how the Hex color E0A366 looks on a white background.

Color Contrast Check

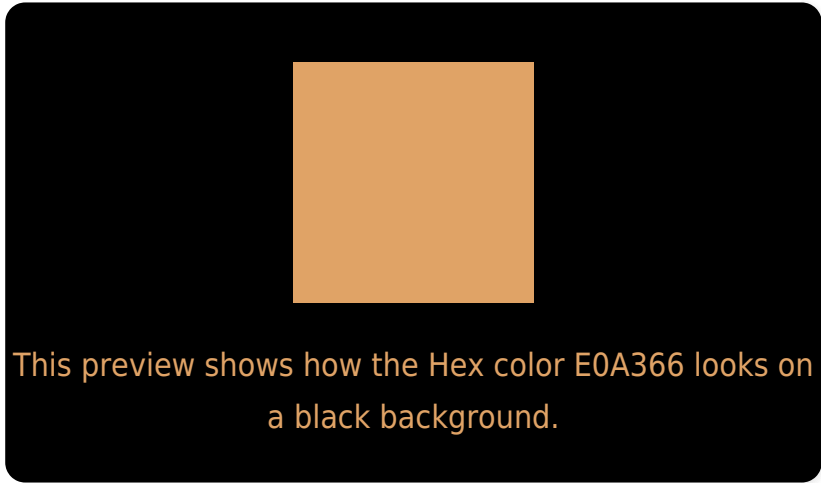
Large Text (above 18pt) WCAG AA × Fail

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

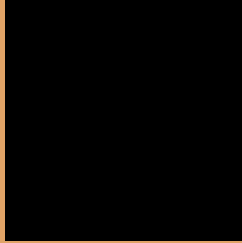
Any Text WCAG AA ✓ Pass

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 E0A366 Background



This preview shows how black text looks on a background with the Hex color E0A366.



This preview shows how white text looks on a background with the Hex color E0A366.

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
E0A366

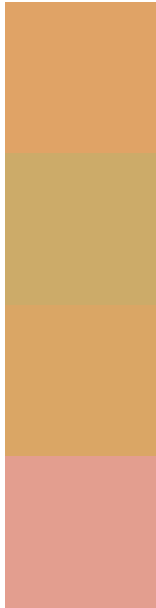
Protanopia
C0B06B

Deuteranopia
D6A865



Tritanopia
E59BA7

Trichromacy



Original Color
E0A366

Protanomaly
CCAB69

Deuteranomaly
DAA665

Tritanomaly
E39E8F

Monochromacy



Original Color
E0A366

Achromatopsia
AEAEAE

Achromatomaly
C0AA94

CSS Examples

Text

The CSS property to change the color of the text to Hex E0A366 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 #E0A366 looks like.

```
.text, #text, p{  
    color:#E0A366  
}
```

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 #E0A366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A366
}
```

Border

The CSS property to change the border of an element to Hex E0A366 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
#E0A366 }
```

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

```
.border{ border-color:#E0A366 }
```

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

Here you see how a box with a 4 pixel #E0A366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A366; -webkit-box-shadow:4px 4px  
4px 4px #E0A366; box-shadow:4px 4px 4px  
4px #E0A366 }
```

Background

The CSS property to change the background color of an element to Hex E0A366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A366 }
```

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

```
.background{ background-color:#E0A366 }
```

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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