

# Converting Colors

Hex(E1B328)

Have a look what the booklet for  
Hex(E1B328) contains.

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**Color**

**Hex(E1B328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B328
RGB	225, 179, 40
RGB Percent	88%, 70%, 16%
CMY	0.1176, 0.2980, 0.8431
CMYK	0.00, 0.20, 0.82, 0.12
HSL	45°, 76%, 52%
HSV	45°, 82%, 88%
XYZ	47.5544, 48.4010, 8.8434
YIQ	176.9080, 72.0350, -33.4770

# Conversions

## Conversions Part 2

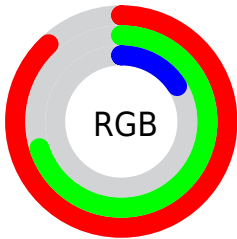
Format	Color
R <sub>Y</sub> B	101, 225, 40
Decimal	14791464
CIE Lab	75.08, 4.36, 70.42
CIE LCh	75, 70.551, 86.455
Yxy	48.4010, 0.4538, 0.4618
Android (android.graphics.Color)	4292981544 (0xFFE1B328)
YUV	176.9080, -67.4956, 42.1767
Hunter-Lab	69.5708, 0.2631, 41.1630

# Details

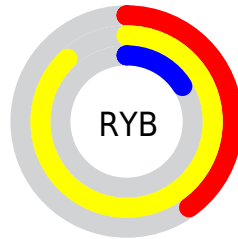
The Hex color **E1B328** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **2856E1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEA63**, and **A57F00** is the 20% darker color. If you saturate the color by 10%, you get **E1AD12**, and if you desaturate by 10%, it is **E1B93F**.

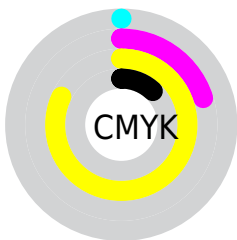
# Distribution



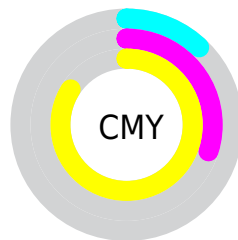
- Red (88%)
- Green (70%)
- Blue (16%)



- Red (40%)
- Yellow (88%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (82%)
- Black (12%)




- Cyan (12%)
- Magenta (30%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B328 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 E1B328 by changing the saturation by 10% instead.



 E1B328

 E1B328

FFFFFF

 C39800

 FFEA63

 A57F00

 FFFF7F

 886600

 FFFF9B

 6B4E00

 FFFFB7

 4F3800

 FFFFD4

 352300

 FFFFF1

 1D0E00

 000000

 E1B328

 E1B328

 E1AD12

 E1B93F

 E1A900

 E1BE55

 E1C46C

 E1C982

 E1CF99

 E1D5AF

 E1DAC6

 E1E0DC

 E1E5F3

# Harmonies

## Analogous

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



FF9A4C



E1B328



A2C638

# Triad

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



E1B328



00D7F1



FF8FFF

# Complementary

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



E1B328



2856E1

# 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.



ABABFF



E1B328



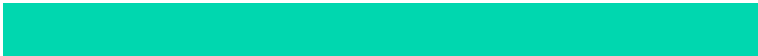
00D1FF

# Square

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



E1B328



00D7AF



00C3FF



FF7CC3

# Rectangle

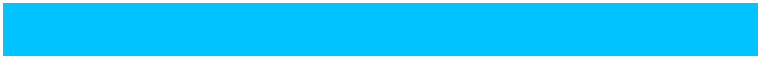
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1B328



6CCF5A



00C3FF



E998FF



# Sweetspot

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



E1B328



FFEFBF



E12856



807659



000000



808080



# Same Dimension

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



E1B328



FFC003



B3E128



706D65



B08400



302400



# Inverse Universe

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



2856E1



0341FF



5628E1



656870



002CB0



000C30



# Previews

## White Background



This preview shows how the Hex color E1B328 looks on a white background.

## Color Contrast Check

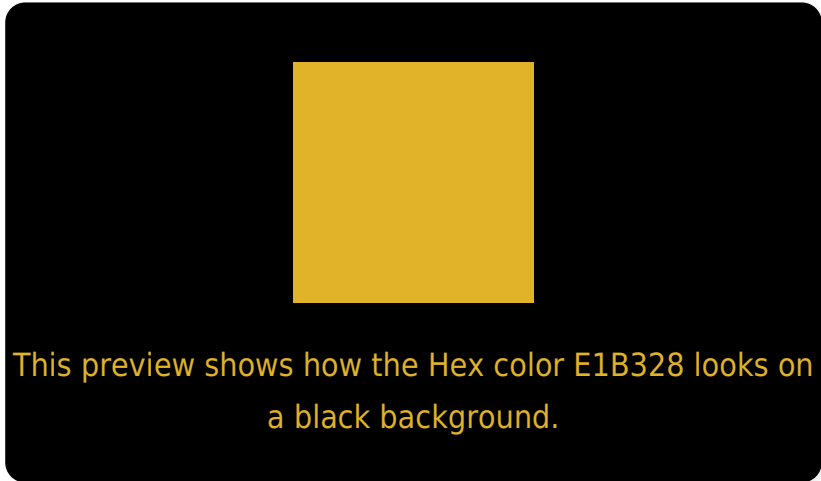
Large Text (above 18pt) WCAG AA × Fail

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 E1B328 Background



This preview shows how black text looks on a background with the Hex color E1B328.



This preview shows how white text looks on a background with the Hex color E1B328.

# 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**  
E1B328

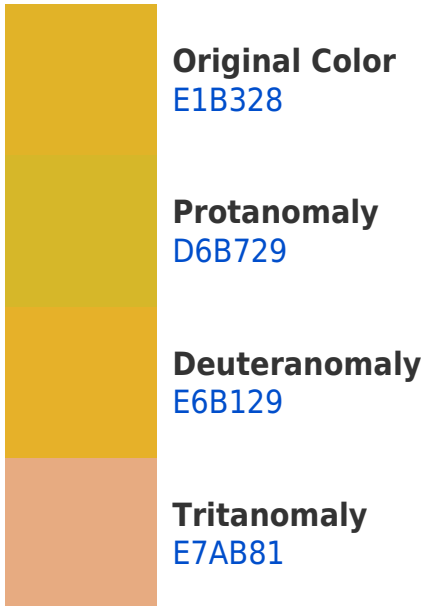
**Protanopia**  
D0BA2A

**Deuteranopia**  
E9B02A



**Tritanopia**  
EAA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B328 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 #E1B328 looks like.

```
.text, #text, p{  
    color:#E1B328  
}
```

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 #E1B328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B328
}
```

## Border

The CSS property to change the border of an element to Hex E1B328 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
#E1B328 }
```

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

```
.border{ border-color:#E1B328 }
```

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

Here you see how a box with a 4 pixel #E1B328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B328; -webkit-box-shadow:4px 4px  
4px 4px #E1B328; box-shadow:4px 4px 4px  
4px #E1B328 }
```

# Background

The CSS property to change the background color of an element to Hex E1B328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B328 }
```

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

```
.background{ background-color:#E1B328 }
```

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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