

Converting Colors

Hex(E9B227)

Have a look what the booklet for
Hex(E9B227) contains.

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Color

Hex(E9B227)

Conversions

Conversions Part 1

Format	Color
Hex	E9B227
RGB	233, 178, 39
RGB Percent	91%, 70%, 15%
CMY	0.0863, 0.3020, 0.8471
CMYK	0.00, 0.24, 0.83, 0.09
HSL	43°, 82%, 53%
HSV	43°, 83%, 91%
XYZ	49.8909, 49.3109, 8.8079
YIQ	178.5990, 77.3990, -31.5690

Conversions

Conversions Part 2

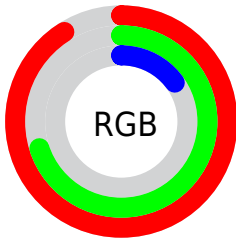
Format	Color
RYB	116, 233, 39
Decimal	15315495
CIELab	75.64, 8.31, 71.51
CIELCh	76, 71.992, 83.368
Yxy	49.3109, 0.4619, 0.4565
Android (android.graphics.Color)	4293505575 (0xFFE9B227)
YUV	178.5990, -68.8223, 47.7097
Hunter-Lab	70.2217, 3.9320, 41.7185

Details

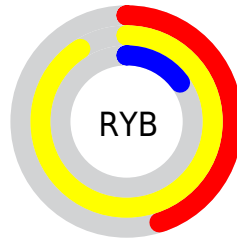
The Hex color **E9B227** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **275EE9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE962**, and **AC7E00** is the 20% darker color. If you saturate the color by 10%, you get **E9AB10**, and if you desaturate by 10%, it is **E9B93E**.

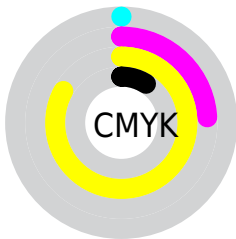
Distribution



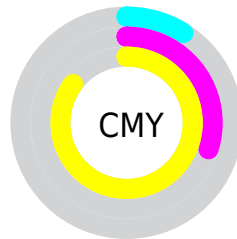
- Red (91%)
- Green (70%)
- Blue (15%)



- Red (45%)
- Yellow (91%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (83%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9B227 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 E9B227 by changing the saturation by 10% instead.

 E9B227

 E9B227

FFFFFF

 CA9700

 FFE962

 AC7E00

 FFFF7E

 8F6500

 FFFF9A

 724D00

 FFFFB6

 563700

 FFFFD3

 3B2200

 FFFFF1

 220D00

 000000

 E9B227

 E9B227

 E9AB10

 E9B93E

 E9A700

 E9BF56

 E9C66D

 E9CC84

 E9D39C

 E9DAB3

 E9E0CA

 E9E7E1

 E9EDF9

Harmonies

Analogous

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



FF9750



E9B227



AAC632

Triad

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



E9B227



00DAED



FD92FF

Complementary

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



E9B227



275EE9

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.



A0AFFF



E9B227



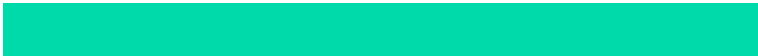
00D4FF

Square

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



E9B227



00D9A9



00C6FF



FF7CCC

Rectangle

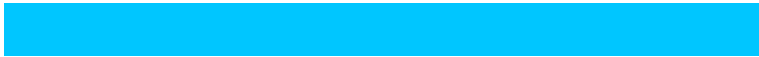
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9B227



75D053



00C6FF



E49CFF

Sweetspot

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



E9B227



FFEDBF



E92761



807559



000000



808080

Same Dimension

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



E9B227



FFB700



C2E927



75726A



B58200



362600

Inverse Universe

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



275EE9



0048FF



4E27E9



6A6D75



0033B5



000F36

Previews

White Background



This preview shows how the Hex color E9B227 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



This preview shows how the Hex color E9B227 looks on a 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 E9B227 Background



This preview shows how black text looks on a background with the Hex color E9B227.



This preview shows how white text looks on a background with the Hex color E9B227.

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
E9B227

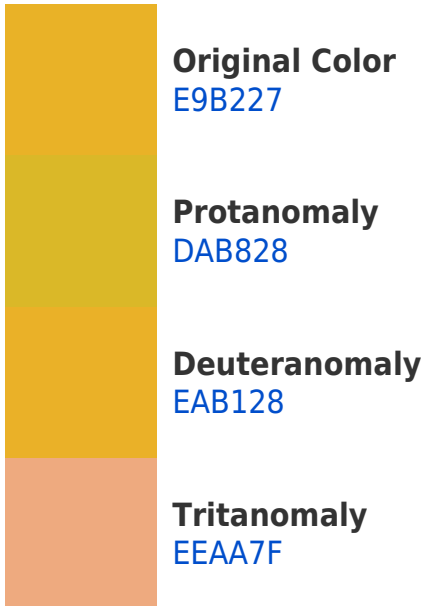
Protanopia
D2BB29

Deuteranopia
EBB128



Tritanopia
F1A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9B227 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 #E9B227 looks like.

```
.text, #text, p{  
    color:#E9B227  
}
```

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 #E9B227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B227
}
```

Border

The CSS property to change the border of an element to Hex E9B227 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
#E9B227 }
```

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

```
.border{ border-color:#E9B227 }
```

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

Here you see how a box with a 4 pixel #E9B227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B227; -webkit-box-shadow:4px 4px  
4px 4px #E9B227; box-shadow:4px 4px 4px  
4px #E9B227 }
```

Background

The CSS property to change the background color of an element to Hex E9B227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B227 }
```

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

```
.background{ background-color:#E9B227 }
```

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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