

Converting Colors

Hex(E9B053)

Have a look what the booklet for
Hex(E9B053) contains.

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Color

Hex(E9B053)

Conversions

Conversions Part 1

Format	Color
Hex	E9B053
RGB	233, 176, 83
RGB Percent	91%, 69%, 33%
CMY	0.0863, 0.3098, 0.6745
CMYK	0.00, 0.24, 0.64, 0.09
HSL	37°, 77%, 62%
HSV	37°, 64%, 91%
XYZ	50.6909, 48.9988, 14.9696
YIQ	182.4410, 63.8250, -16.8390

Conversions

Conversions Part 2

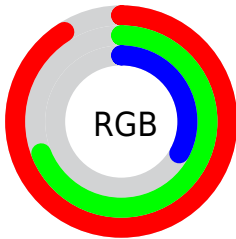
Format	Color
RYB	175, 233, 83
Decimal	15315027
CIELab	75.45, 11.29, 54.45
CIELCh	75, 55.609, 78.281
Yxy	48.9988, 0.4421, 0.4273
Android (android.graphics.Color)	4293505107 (0xFFE9B053)
YUV	182.4410, -49.0244, 44.3402
Hunter-Lab	69.9992, 6.7649, 36.3200

Details

The Hex color **E9B053** 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 **538CE9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE788**, and **AE7C1E** is the 20% darker color. If you saturate the color by 10%, you get **E9A73C**, and if you desaturate by 10%, it is **E9B96A**.

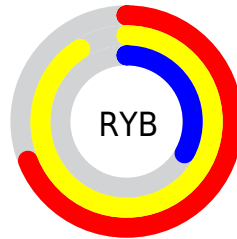
Distribution



Red (91%)

Green (69%)

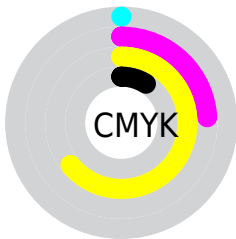
Blue (33%)



Red (69%)

Yellow (91%)

Blue (33%)

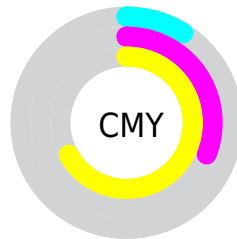


Cyan (0%)

Magenta (24%)

Yellow (64%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9B053 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 E9B053 by changing the saturation by 10% instead.

 E9B053

 E9B053

FFFFFF

 CB9539

 FFE788

 AE7C1E

 FFFFA3

 916300

 FFFFBF

 744B00

 FFFFDB

 593500

 FFFFF8

 3D1F00

 250A00

 000000

 E9B053

 E9B053

 E9A73C

 E9B96A

 E99E24

 E9C282

 E9950D

 E9CB99

 E99000

 E9D3B0

 E9DCC8

 E9E5DF

 E9EEF6

 E9F7FF

 E9FFFF

Harmonies

Analogous

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



FF9D6F



E9B053



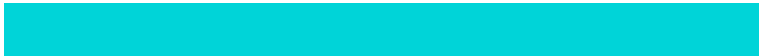
B9C154

Triad

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



E9B053



00D4D8



E5A0FF

Complementary

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



E9B053



538CE9

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.



9CB4FF



E9B053



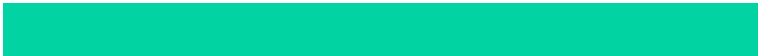
00D0FF

Square

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



E9B053



01D3A3



00C5FF



FF91D0

Rectangle

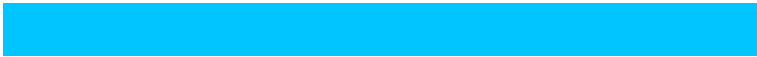
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9B053



93C966



00C5FF



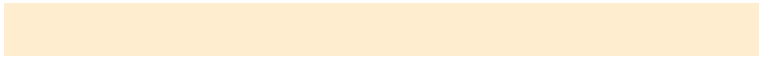
D0A7FF

Sweetspot

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



E9B053



FFEDCF



E9538C



807462



000000



808080

Same Dimension

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



E9B053



FFB43B



D8E953



75716A



B57000



362100

Inverse Universe

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



538CE9



3B85FF



6553E9



6A6E75



0045B5



001436

Previews

White Background



This preview shows how the Hex color E9B053 looks on a white background.

Color Contrast Check

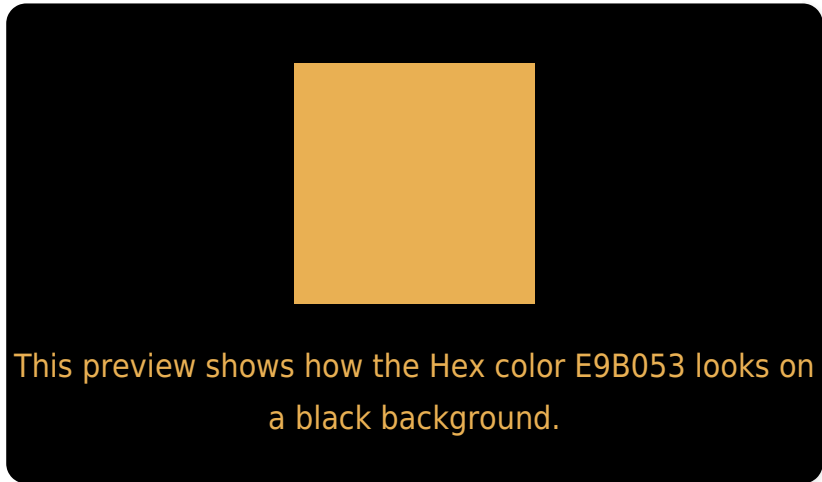
Large Text (above 18pt) WCAG AA × Fail

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 E9B053 Background



This preview shows how black text looks on a background with the Hex color E9B053.



This preview shows how white text looks on a background with the Hex color E9B053.

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

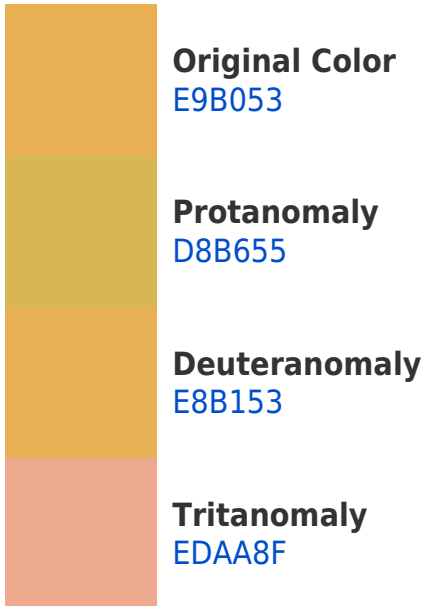


Original Color
E9B053

Protanopia
CEBA56

Deuteranopia
E7B153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9B053 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 #E9B053 looks like.

```
.text, #text, p{  
    color:#E9B053  
}
```

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 #E9B053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B053
}
```

Border

The CSS property to change the border of an element to Hex E9B053 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
#E9B053 }
```

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

```
.border{ border-color:#E9B053 }
```

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

Here you see how a box with a 4 pixel #E9B053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B053; -webkit-box-shadow:4px 4px  
4px 4px #E9B053; box-shadow:4px 4px 4px  
4px #E9B053 }
```

Background

The CSS property to change the background color of an element to Hex E9B053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B053 }
```

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

```
.background{ background-color:#E9B053 }
```

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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