

Converting Colors

Hex(E9CB25)

Have a look what the booklet for
Hex(E9CB25) contains.

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Color

Hex(E9CB25)

Conversions

Conversions Part 1

Format	Color
Hex	E9CB25
RGB	233, 203, 37
RGB Percent	91%, 80%, 15%
CMY	0.0863, 0.2039, 0.8549
CMYK	0.00, 0.13, 0.84, 0.09
HSL	51°, 82%, 53%
HSV	51°, 84%, 91%
XYZ	55.2941, 60.1691, 10.4497
YIQ	193.0460, 71.1660, -45.2660

Conversions

Conversions Part 2

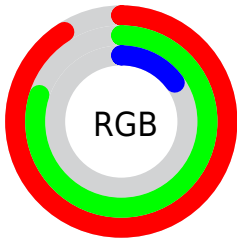
Format	Color
RYB	72, 233, 37
Decimal	15321893
CIELab	81.93, -4.71, 77.28
CIELCh	82, 77.420, 93.491
Yxy	60.1691, 0.4391, 0.4779
Android (android.graphics.Color)	4293511973 (0xFFE9CB25)
YUV	193.0460, -76.9307, 35.0397
Hunter-Lab	77.5687, -8.5032, 46.3108

Details

The Hex color **E9CB25** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2543E9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF64**, and **AD9500** is the 20% darker color. If you saturate the color by 10%, you get **E9C70E**, and if you desaturate by 10%, it is **E9CF3C**.

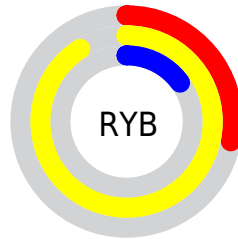
Distribution



Red (91%)

Green (80%)

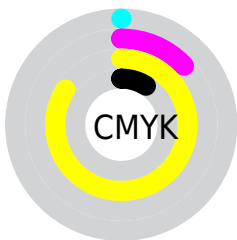
Blue (15%)



Red (28%)

Yellow (91%)

Blue (15%)

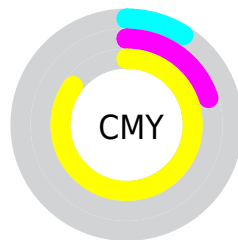


Cyan (0%)

Magenta (13%)

Yellow (84%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9CB25 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 E9CB25 by changing the saturation by 10% instead.

 E9CB25

 E9CB25

FFFFFF

 CBB000

 FFFF64

 AD9500

 FFFF81

 8F7C00

 FFFF9D

 736300

 FFFFBA

 574C00

 FFFFD7

 3C3500

 FFFFF5

 232000

 000A00

 000000

 E9CB25

 E9CB25

 E9C70E

 E9CF3C

 E9C500

 E9D254

 E9D66B

 E9D982

 E9DD9A

 E9E0B1

 E9E4C8

 E9E8DF

 E9EBF7

Harmonies

Analogous

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



FFB045



E9CB25



9EDE47

Triad

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



E9CB25



00EDFF



FF95FF

Complementary

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



E9CB25



2543E9

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.



D8B5FF



E9CB25



00E4FF

Square

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



E9CB25



00EED2



00D1FF



FF85C6

Rectangle

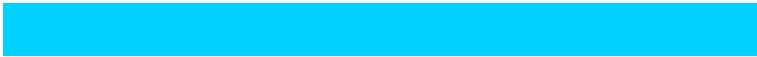
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9CB25



58E770



00D1FF



FF9FFF

Sweetspot

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



E9CB25



FFF5BF



E92546



807A59



000000



808080

Same Dimension

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



E9CB25



FFD800



A8E925



75746A



B59900



362D00

Inverse Universe

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



2543E9



0027FF



6625E9



6A6B75



001CB5



000836

Previews

White Background



This preview shows how the Hex color E9CB25 looks on a white background.

Color Contrast Check

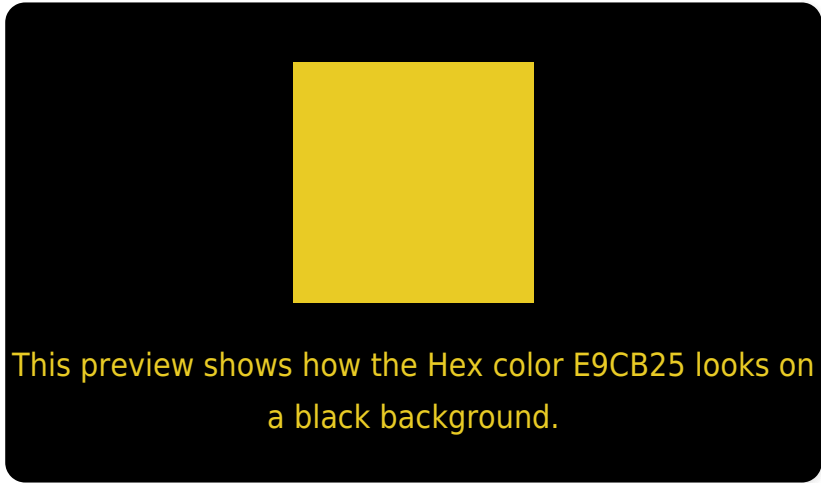
Large Text (above 18pt) WCAG AA × Fail

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 E9CB25 Background



This preview shows how black text looks on a background with the Hex color E9CB25.



This preview shows how white text looks on a background with the Hex color E9CB25.

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
E9CB25

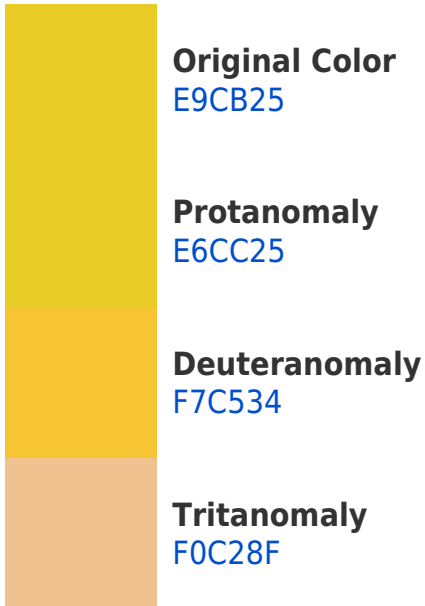
Protanopia
E5CC25

Deuteranopia
FFC23C

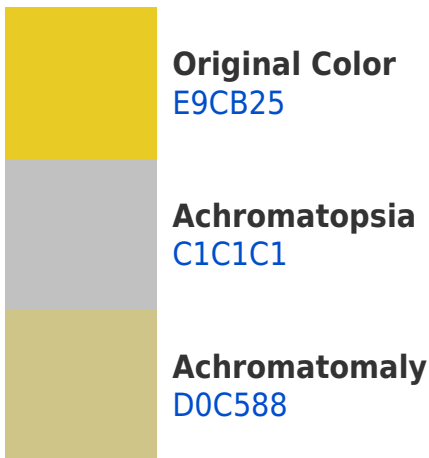


Tritanopia
F4BDCC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9CB25 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 #E9CB25 looks like.

```
.text, #text, p{  
    color:#E9CB25  
}
```

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 #E9CB25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CB25
}
```

Border

The CSS property to change the border of an element to Hex E9CB25 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
#E9CB25 }
```

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

```
.border{ border-color:#E9CB25 }
```

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

Here you see how a box with a 4 pixel #E9CB25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CB25; -webkit-box-shadow:4px 4px  
4px 4px #E9CB25; box-shadow:4px 4px 4px  
4px #E9CB25 }
```

Background

The CSS property to change the background color of an element to Hex E9CB25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CB25 }
```

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

```
.background{ background-color:#E9CB25 }
```

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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