

Converting Colors

Hex(EC9375)

Have a look what the booklet for
Hex(EC9375) contains.

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Color

Hex(EC9375)

Conversions

Conversions Part 1

Format	Color
Hex	EC9375
RGB	236, 147, 117
RGB Percent	93%, 58%, 46%
CMY	0.0745, 0.4235, 0.5412
CMYK	0.00, 0.38, 0.50, 0.07
HSL	15°, 76%, 69%
HSV	15°, 50%, 93%
XYZ	48.2367, 39.9847, 22.0051
YIQ	170.1910, 62.6740, 9.5380

Conversions

Conversions Part 2

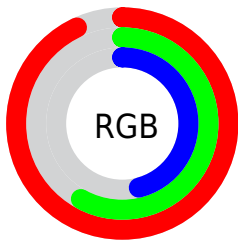
Format	Color
R_{YB}	236, 157, 117
Decimal	15504245
CIE _{Lab}	69.46, 30.47, 29.97
CIE _{LCh}	69, 42.742, 44.530
Yxy	39.9847, 0.4376, 0.3628
Android (android.graphics.Color)	4293694325 (0xFFEC9375)
YUV	170.1910, -26.2232, 57.7145
Hunter-Lab	63.2334, 25.5076, 23.6306

Details

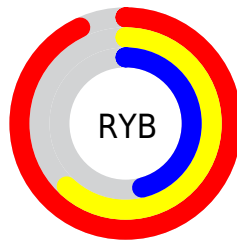
The Hex color **EC9375** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75CEEC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCAA9**, and **B15F44** is the 20% darker color. If you saturate the color by 10%, you get **EC815D**, and if you desaturate by 10%, it is **ECA58D**.

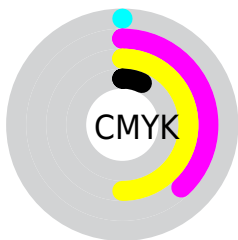
Distribution



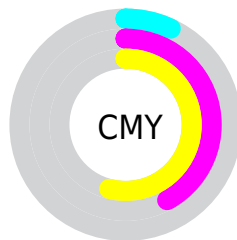
- Red (93%)
- Green (58%)
- Blue (46%)



- Red (93%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9375 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 EC9375 by changing the saturation by 10% instead.

 EC9375

 EC9375

FFFFFF

 CE795C

 FFCAA9

 B15F44

 FFE6C5

 94472D

 FFFFE1

 772F18

FFFFFFE

 5C1700

 400000

 290001

 000000

 EC9375

 EC9375

 EC815D

 ECA58D

 EC7046

 ECB6A4

 EC5E2E

 ECC8BC

 EC4C17

 ECDAD3

 EC3B00

 ECEBEB

 ECFDFF

 ECFFFF

Harmonies

Analogous

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



F48B98



EC9375



D3A05F

Triad

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



EC9375



4FBD94



8EA7F4

Complementary

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



EC9375



75CEEC

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.



40B3F4



EC9375



00BEBC

Square

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



EC9375



84B771



00BBDF



C598E1

Rectangle

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



EC9375



BCA95B



00BBDF



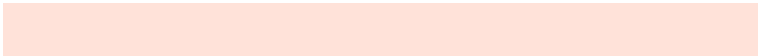
77ACF7

Sweetspot

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



EC9375



FFE2D9



EC75CE



806E69



000000



808080

Same Dimension

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



EC9375



FF8B63



ECCE75



756D6A



B52E00



360D00

Inverse Universe

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



75CEEC



63D8FF



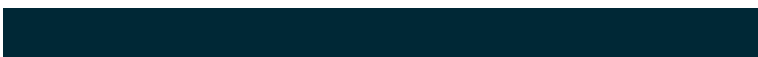
7593EC



6A7275



0087B5



002836

Previews

White Background



This preview shows how the Hex color EC9375 looks on a white background.

Color Contrast Check

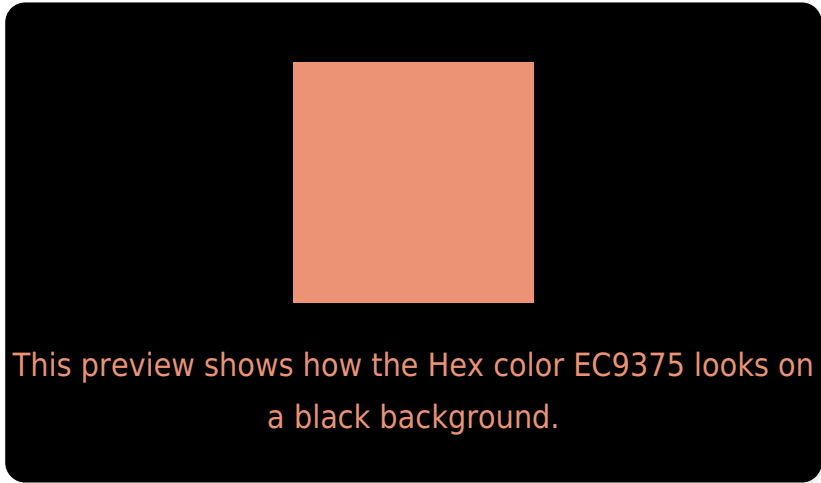
Large Text (above 18pt) WCAG AA × Fail

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

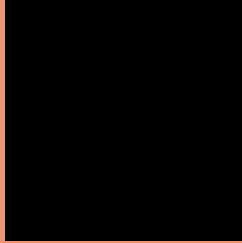
Any Text WCAG AA ✓ Pass

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 EC9375 Background



This preview shows how black text looks on a background with the Hex color EC9375.

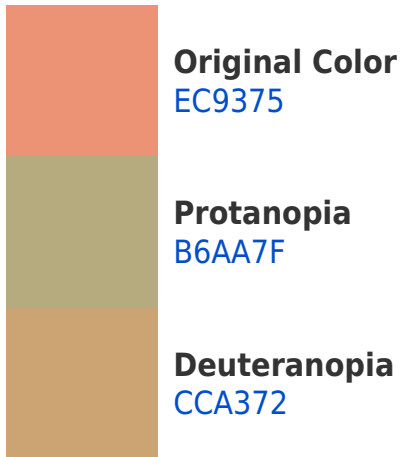


This preview shows how white text looks on a background with the Hex color EC9375.

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](#).

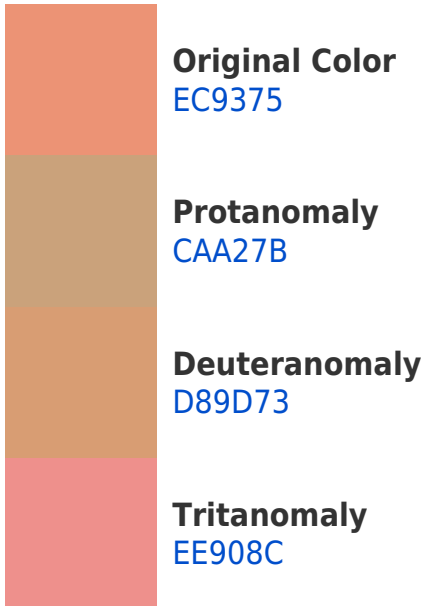
Dichromacy



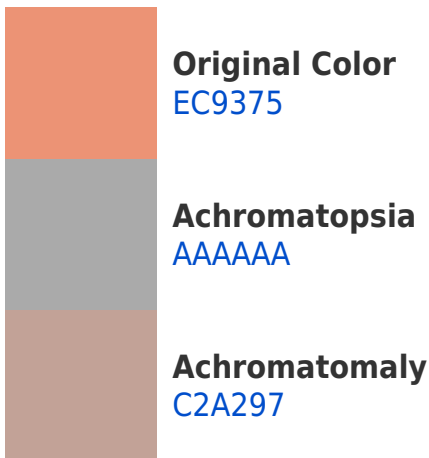


Tritanopia
EF8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9375 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 #EC9375 looks like.

```
.text, #text, p{  
    color:#EC9375  
}
```

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 #EC9375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9375
}
```

Border

The CSS property to change the border of an element to Hex EC9375 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
#EC9375 }
```

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

```
.border{ border-color:#EC9375 }
```

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

Here you see how a box with a 4 pixel #EC9375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9375; -webkit-box-shadow:4px 4px  
4px 4px #EC9375; box-shadow:4px 4px 4px  
4px #EC9375 }
```

Background

The CSS property to change the background color of an element to Hex EC9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9375 }
```

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

```
.background{ background-color:#EC9375 }
```

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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