

Converting Colors

Hex(EC9069)

Have a look what the booklet for
Hex(EC9069) contains.

Hex(EC9069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC9069)

Conversions

Conversions Part 1

Format	Color
Hex	EC9069
RGB	236, 144, 105
RGB Percent	93%, 56%, 41%
CMY	0.0745, 0.4353, 0.5882
CMYK	0.00, 0.39, 0.56, 0.07
HSL	18°, 78%, 67%
HSV	18°, 56%, 93%
XYZ	47.1151, 38.7993, 18.3704
YIQ	167.0620, 67.3510, 7.3750

Conversions

Conversions Part 2

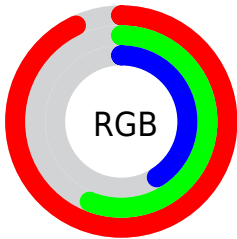
Format	Color
R _Y B	236, 161, 105
Decimal	15503465
CIE Lab	68.61, 31.03, 35.36
CIE LCh	69, 47.044, 48.729
Yxy	38.7993, 0.4518, 0.3721
Android (android.graphics.Color)	4293693545 (0xFFEC9069)
YUV	167.0620, -30.5966, 60.4586
Hunter-Lab	62.2891, 26.0105, 26.1165

Details

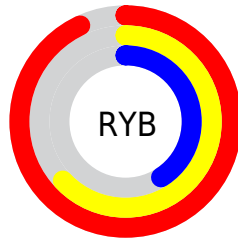
The Hex color **EC9069** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69C5EC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC79D**, and **B05C39** is the 20% darker color. If you saturate the color by 10%, you get **EC7F51**, and if you desaturate by 10%, it is **ECA181**.

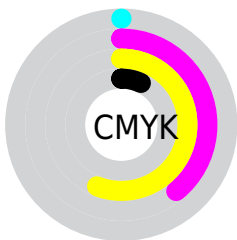
Distribution



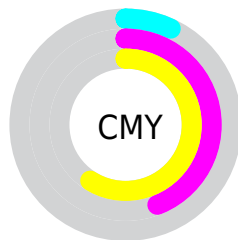
- Red (93%)
- Green (56%)
- Blue (41%)



- Red (93%)
- Yellow (63%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9069 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 EC9069 by changing the saturation by 10% instead.

 EC9069

 EC9069

FFFFFF

 CE7650

 FFC79D

 B05C39

 FFE3B8

 934422

 FFFFD4

 762C0B

 FFFFF0

 5A1300

 3E0000

 260001

 000000

 EC9069

 EC9069

Harmonies

Analogous

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



F8858E



EC9069



CF9F53

Triad

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



EC9069



2DBC95



91A2F8

Complementary

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



EC9069



69C5EC

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.



30B0FA



EC9069



00BDC1

Square

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



EC9069



76B76D



00B9E6



CC92E0

Rectangle

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



EC9069



B5A951



00B9E6



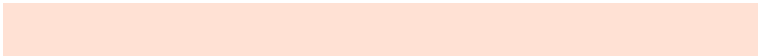
78A8FB

Sweetspot

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



EC9069



FFE1D4



EC69C7



806E66



000000



808080

Same Dimension

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



EC9069



FF8754



ECD069



756D6A



B53600



361000

Inverse Universe

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



69C5EC



54CCFF



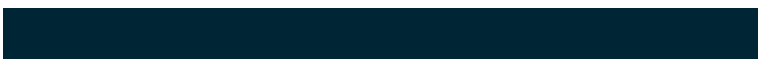
6985EC



6A7275



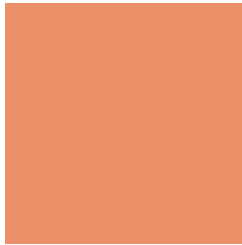
007FB5



002636

Previews

White Background



This preview shows how the Hex color EC9069 looks on a white background.

Color Contrast Check

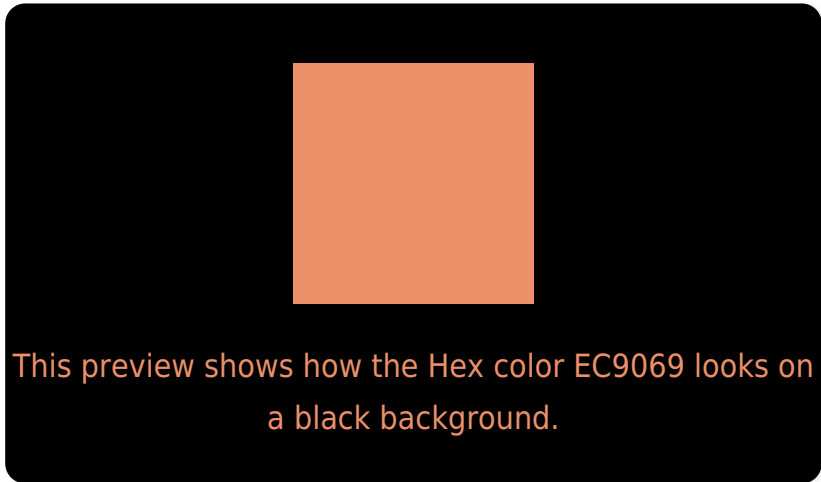
Large Text (above 18pt) WCAG AA × Fail

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 EC9069 Background



This preview shows how black text looks on a background with the Hex color EC9069.

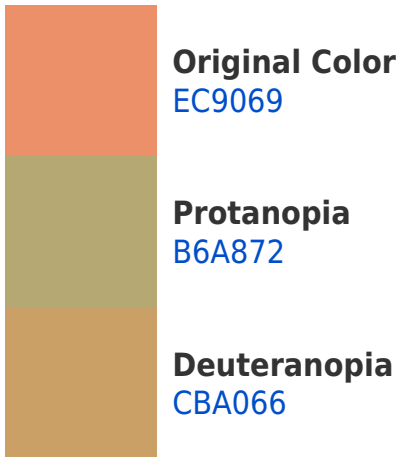


This preview shows how white text looks on a background with the Hex color EC9069.

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](#).

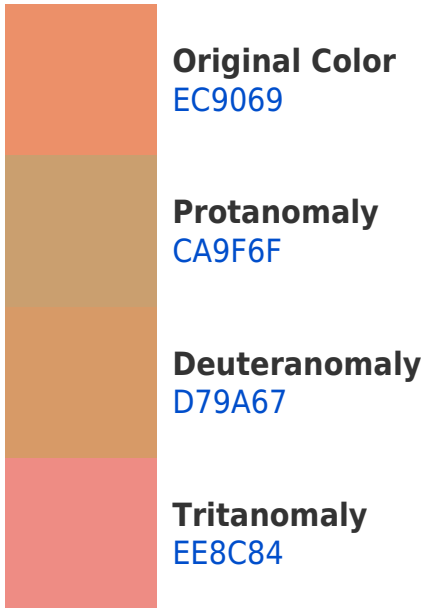
Dichromacy



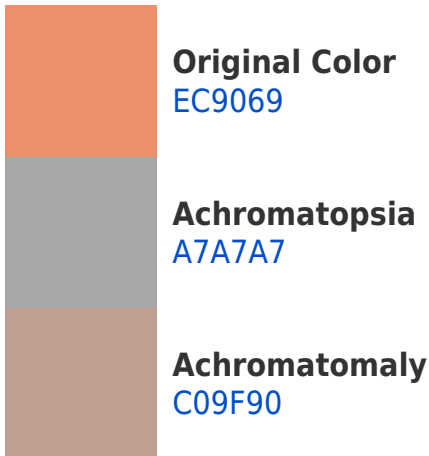


Tritanopia
EF8A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC9069 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 #EC9069 looks like.

```
.text, #text, p{  
    color:#EC9069  
}
```

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 #EC9069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9069  
}
```

Border

The CSS property to change the border of an element to Hex EC9069 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  
#EC9069 }
```

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

```
.border{ border-color:#EC9069 }
```

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

Here you see how a box with a 4 pixel #EC9069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9069; -webkit-box-shadow:4px 4px  
4px 4px #EC9069; box-shadow:4px 4px 4px  
4px #EC9069 }
```

Background

The CSS property to change the background color of an element to Hex EC9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9069 }
```

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

```
.background{ background-color:#EC9069 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor