

# Converting Colors

Hex(E64828)

Have a look what the booklet for  
Hex(E64828) contains.

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**Color**

**Hex(E64828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E64828
RGB	230, 72, 40
RGB Percent	90%, 28%, 16%
CMY	0.0980, 0.7176, 0.8431
CMYK	0.00, 0.69, 0.83, 0.10
HSL	10°, 79%, 53%
HSV	10°, 83%, 90%
XYZ	35.3335, 21.6109, 4.3165
YIQ	115.5940, 104.4400, 23.5440

# Conversions

## Conversions Part 2

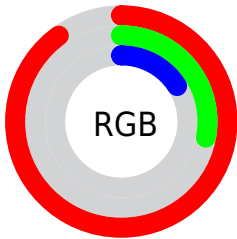
Format	Color
<a href="#">RYB</a>	<a href="#">230, 78, 40</a>
Decimal	<a href="#">15091752</a>
CIELab	<a href="#">53.61, 59.47, 51.82</a>
CIELCh	<a href="#">54, 78.880, 41.072</a>
Yxy	<a href="#">21.6109, 0.5768, 0.3528</a>
Android (android.graphics.Color)	<a href="#">4293281832 (0xFFE64828)</a>
YUV	<a href="#">115.5940, -37.2678, 100.3341</a>
Hunter-Lab	<a href="#">46.4876, 54.3181, 27.0360</a>

# Details

The Hex color **E64828** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28C6E6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8159**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E63511**, and if you desaturate by 10%, it is **E65B3F**.

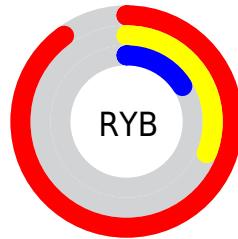
# Distribution



Red (90%)

Green (28%)

Blue (16%)



Red (90%)

Yellow (31%)

Blue (16%)

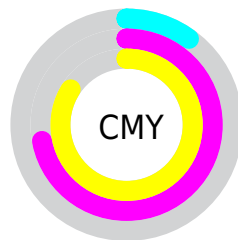


Cyan (0%)

Magenta (69%)

Yellow (83%)

Black (10%)



Cyan (10%)

Magenta (72%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E64828 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 E64828 by changing the saturation by 10% instead.



 E64828

 E64828

FFFFFF

 C6290F

 FF8159

 A60000

 FF9D72

 860000

 FFBA8C

 670000

 FFD7A7

 490001

 FFF4C3

 2C0001

 FFFFDF

 000000

 FFFFFC

 E64828

 E64828

 E63511

 E65B3F

 E62700

 E66E56

 E6816D

 E69584

 E6A89B

 E6BBB2

 E6CEC9

 E6E1E0

 E6F4F7

# Harmonies

## Analogous

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



F5226A



E64828



BE6D00

# Triad

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



E64828



009B51



0081FF

# Complementary

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



E64828



28C6E6

# 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.



0094FF



E64828



009D98

# Square

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



E64828



309400



009CD9



9F60E8

# Rectangle

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



E64828



997E00



009CD9



0088FF



# Sweetspot

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



E64828



FFCABF



E628C6



806059



000000



808080



# Same Dimension

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



E64828



FF2D03



E6A728



736967



B31E00



330900

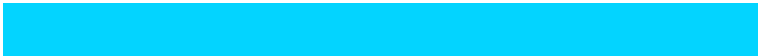


# Inverse Universe

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



28C6E6



03D4FF



2867E6



677173



0094B3



002A33



# Previews

## White Background



This preview shows how the Hex color E64828 looks on a white background.

## Color Contrast Check

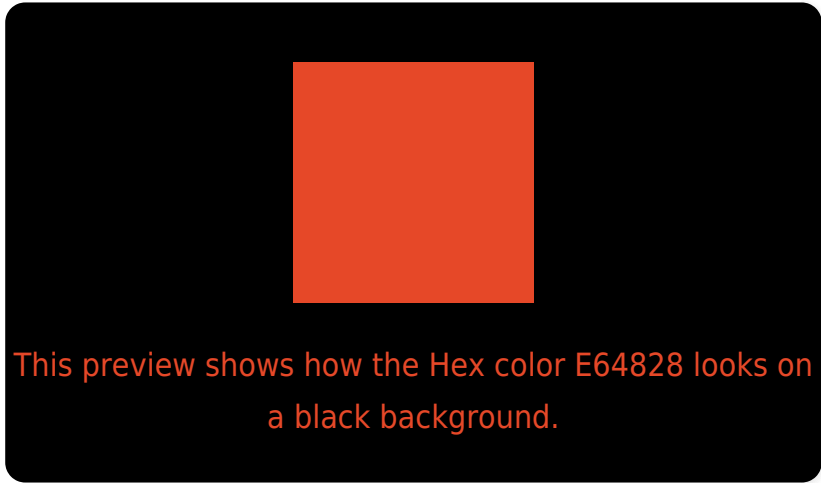
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E64828 Background



This preview shows how black text looks on a background with the Hex color E64828.



This preview shows how white text looks on a background with the Hex color E64828.

# 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**  
E64828

**Protanopia**  
8F8137

**Deuteranopia**  
A27A16



**Tritanopia**  
E74448

# Trichromacy



**Original Color**  
E64828

**Protanomaly**  
AF6C32

**Deuteranomaly**  
BB681D

**Tritanomaly**  
E7453C

# Monochromacy



**Original Color**  
E64828

**Achromatopsia**  
747474

**Achromatomaly**  
9D6458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E64828 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 #E64828 looks like.

```
.text, #text, p{  
    color:#E64828  
}
```

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 #E64828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64828
}
```

## Border

The CSS property to change the border of an element to Hex E64828 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
#E64828 }
```

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

```
.border{ border-color:#E64828 }
```

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

Here you see how a box with a 4 pixel #E64828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64828; -webkit-box-shadow:4px 4px  
4px 4px #E64828; box-shadow:4px 4px 4px  
4px #E64828 }
```

# Background

The CSS property to change the background color of an element to Hex E64828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64828 }
```

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

```
.background{ background-color:#E64828 }
```

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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