

Converting Colors

Hex(E64738)

Have a look what the booklet for
Hex(E64738) contains.

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Color

Hex(E64738)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E64738 |
| RGB | 230, 71, 56 |
| RGB Percent | 90%, 28%, 22% |
| CMY | 0.0980, 0.7216, 0.7804 |
| CMYK | 0.00, 0.69, 0.76, 0.10 |
| HSL | 5°, 78%, 56% |
| HSV | 5°, 76%, 90% |
| XYZ | 35.6002, 21.6150, 6.0372 |
| YIQ | 116.8310, 99.5790, 29.0430 |

Conversions

Conversions Part 2

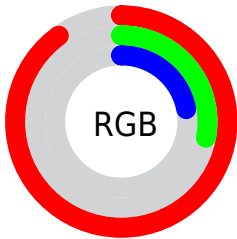
| Format | Color |
|-------------------------------------|---|
| RYB | 230, 72, 56 |
| Decimal | 15091512 |
| CIELab | 53.62, 60.35, 43.76 |
| CIElCh | 54, 74.548, 35.948 |
| Yxy | 21.6150, 0.5628, 0.3417 |
| Android (android.graphics.Color) | 4293281592 (0xFFE64738) |
| YUV | 116.8310, -29.9897, 99.2492 |
| Hunter-Lab | 46.4919, 55.3216, 24.8453 |

Details

The Hex color **E64738** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **38D7E6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8068**, and **A6000B** is the 20% darker color. If you saturate the color by 10%, you get **E63221**, and if you desaturate by 10%, it is **E65C4F**.

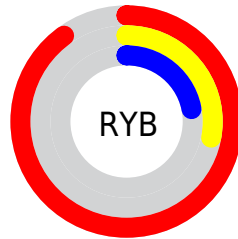
Distribution



Red (90%)

Green (28%)

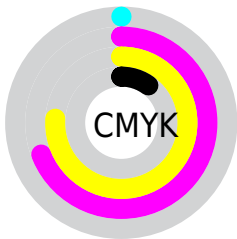
Blue (22%)



Red (90%)

Yellow (28%)

Blue (22%)

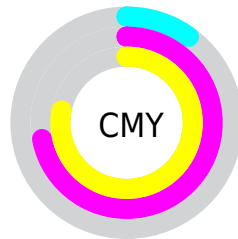


Cyan (0%)

Magenta (69%)

Yellow (76%)

Black (10%)



Cyan (10%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64738 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 E64738 by changing the saturation by 10% instead.

 E64738

 E64738

FFFFFF

 C62721

 FF8068

 A6000B

 FF9C82

 870000

 FFB99C

 680000

 FFD6B7

 4A0002

 FFF4D3

 2D0001

 FFFFEF

 000000

 E64738

 E64738

 E63221

 E65C4F

 E61D0A

 E67166

 E61400

 E6867D

 E69B94

 E6B0AB

 E6C5C2

 E6DAD9

 E6EFF0

 E6FFFF

Harmonies

Analogous

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



EF2E76



E64738



C36900

Triad

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



E64738



009948



0084FF

Complementary

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



E64738



38D7E6

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.



0095F6



E64738



009C8C

Square

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



E64738



4A9100



009BCA



8E68E9

Rectangle

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



E64738



A27A00



009BCA



008BFF

Sweetspot

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



E64738



FFC9C4



E638D8



805F5C



000000



808080

Same Dimension

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



E64738



FF2B17



E69E38



736867



B30F00



330400

Inverse Universe

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



38D7E6



17EBFF



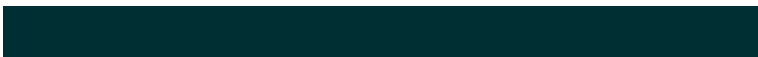
3881E6



677273



00A3B3



002F33

Previews

White Background



This preview shows how the Hex color E64738 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 E64738 Background



This preview shows how black text looks on a background with the Hex color E64738.



This preview shows how white text looks on a background with the Hex color E64738.

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
E64738

Protanopia
8D814A

Deuteranopia
A17A2D



Tritanopia
E74548

Trichromacy



Original Color
E64738

Protanomaly
AD6C43

Deuteranomaly
BA6731

Tritanomaly
E74642

Monochromacy



Original Color
E64738

Achromatopsia
757575

Achromatomaly
9E645F

CSS Examples

Text

The CSS property to change the color of the text to Hex E64738 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 #E64738 looks like.

```
.text, #text, p{  
    color:#E64738  
}
```

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 #E64738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64738
}
```

Border

The CSS property to change the border of an element to Hex E64738 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
#E64738 }
```

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

```
.border{ border-color:#E64738 }
```

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

Here you see how a box with a 4 pixel #E64738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64738; -webkit-box-shadow:4px 4px  
4px 4px #E64738; box-shadow:4px 4px 4px  
4px #E64738 }
```

Background

The CSS property to change the background color of an element to Hex E64738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64738 }
```

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

```
.background{ background-color:#E64738 }
```

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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