

# Converting Colors

Hex(E24650)

Have a look what the booklet for  
Hex(E24650) contains.

<b>Hex(E24650)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E24650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E24650
RGB	226, 70, 80
RGB Percent	89%, 27%, 31%
CMY	0.1137, 0.7255, 0.6863
CMYK	0.00, 0.69, 0.65, 0.11
HSL	356°, 73%, 58%
HSV	356°, 69%, 89%
XYZ	35.0022, 21.1283, 9.8228
YIQ	117.7840, 89.7660, 36.1820

# Conversions

## Conversions Part 2

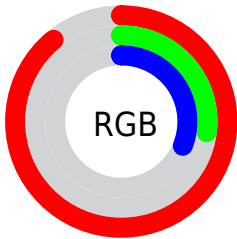
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 70, 80
Decimal	14829136
CIE <sub>Lab</sub>	53.09, 60.59, 29.42
CIE <sub>LCh</sub>	53, 67.355, 25.900
Yxy	21.1283, 0.5307, 0.3204
Android (android.graphics.Color)	4293019216 (0xFFE24650)
YUV	117.7840, -18.6275, 94.9054
Hunter-Lab	45.9655, 55.4860, 19.5056

# Details

The Hex color **E24650** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **46E2D8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7F81**, and **A40024** is the 20% darker color. If you saturate the color by 10%, you get **E22F3B**, and if you desaturate by 10%, it is **E25D65**.

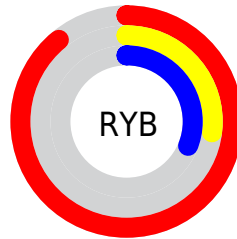
# Distribution



Red (89%)

Green (27%)

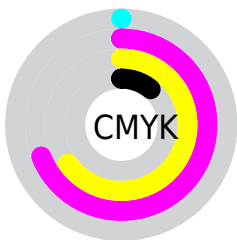
Blue (31%)



Red (89%)

Yellow (27%)

Blue (31%)

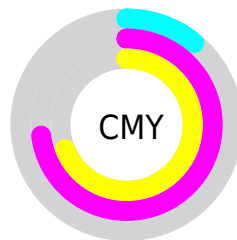


Cyan (0%)

Magenta (69%)

Yellow (65%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24650 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 E24650 by changing the saturation by 10% instead.



 E24650

 E24650

FFFFFF

 C32639

 FF7F81

 A40024

 FF9C9B

 85000F

 FFB8B6

 670000

 FFD5D2

 490002

 FFF3EE

 2B0001

 000000

 E24650

 E24650

 E22F3B

 E25D65

 E21926

 E2737A

 E20211

 E28A8F

 E2000E

 E2A0A5

 E2B7BA

 E2CECF

 E2E4E4

 E2FBF9

 E2FFFF

# Harmonies

## Analogous

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



E03E89



E24650



CA6119

# Triad

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



E24650



009439



0088F3

# Complementary

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



E24650



46E2D8

# 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.



0094DE



E24650



009875

# Square

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



E24650



688A00



0099B0



6A73E8

# Rectangle

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



E24650



AF7200



0099B0



008DF0



# Sweetspot

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



E24650



FFC9CD



D846E2



806062



000000



808080



# Same Dimension

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



E24650



FF2B39



E28A46



706566



B0000B



300003



# Inverse Universe

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



E24650



FF2B39



469EE2



706566



B0000B



300003



# Previews

## White Background



This preview shows how the Hex color E24650 looks on a white background.

## Color Contrast Check

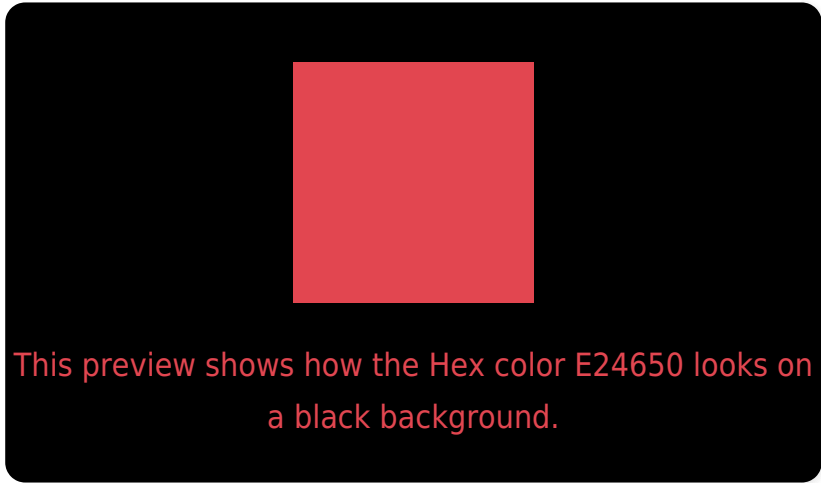
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24650 Background



This preview shows how black text looks on a background with the Hex color E24650.



This preview shows how white text looks on a background with the Hex color E24650.

# 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**  
E24650

**Protanopia**  
877F67

**Deuteranopia**  
9B7948



**Tritanopia**  
E2474B

# Trichromacy



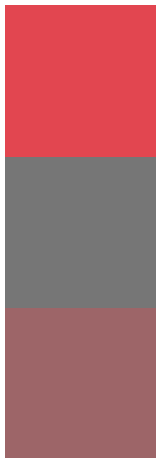
**Original Color**  
E24650

**Protanomaly**  
A86A5F

**Deuteranomaly**  
B5664B

**Tritanomaly**  
E2474D

# Monochromacy



**Original Color**  
E24650

**Achromatopsia**  
767676

**Achromatomaly**  
9D6568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24650 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 #E24650 looks like.

```
.text, #text, p{  
    color:#E24650  
}
```

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 #E24650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24650
}
```

## Border

The CSS property to change the border of an element to Hex E24650 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
#E24650 }
```

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

```
.border{ border-color:#E24650 }
```

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

Here you see how a box with a 4 pixel #E24650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24650; -webkit-box-shadow:4px 4px  
4px 4px #E24650; box-shadow:4px 4px 4px  
4px #E24650 }
```

# Background

The CSS property to change the background color of an element to Hex E24650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24650 }
```

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

```
.background{ background-color:#E24650 }
```

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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