

# Converting Colors

Hex(E25366)

Have a look what the booklet for  
Hex(E25366) contains.

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**Color**

**Hex(E25366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E25366
RGB	226, 83, 102
RGB Percent	89%, 33%, 40%
CMY	0.1137, 0.6745, 0.6000
CMYK	0.00, 0.63, 0.55, 0.11
HSL	352°, 71%, 61%
HSV	352°, 63%, 89%
XYZ	36.8556, 23.3146, 15.1280
YIQ	127.9230, 79.1290, 36.2250

# Conversions

## Conversions Part 2

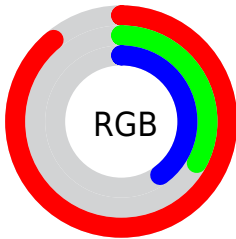
Format	Color
<a href="#">RYB</a>	226, 83, 102
Decimal	14832486
CIELab	55.39, 56.87, 19.51
CIElCh	55, 60.123, 18.933
Yxy	23.3146, 0.4895, 0.3096
Android (android.graphics.Color)	4293022566 (0xFFE25366)
YUV	127.9230, -12.7800, 86.0135
Hunter-Lab	48.2852, 51.7481, 15.2237

# Details

The Hex color **E25366** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **53E2CF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8B99**, and **A51237** is the 20% darker color. If you saturate the color by 10%, you get **E23C52**, and if you desaturate by 10%, it is **E26A7A**.

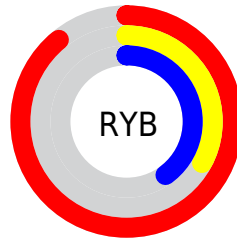
# Distribution



Red (89%)

Green (33%)

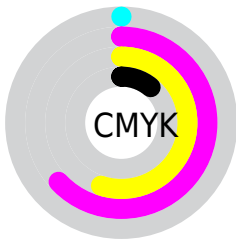
Blue (40%)



Red (89%)

Yellow (33%)

Blue (40%)

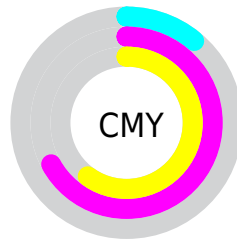


Cyan (0%)

Magenta (63%)

Yellow (55%)

Black (11%)



Cyan (11%)

Magenta (67%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E25366 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 E25366 by changing the saturation by 10% instead.



 E25366

 E25366

FFFFFF

 C3364E

 FF8B99

 A51237

 FFA7B4

 870022

 FFC4CF

 69000D

 FFE1EB

 4C0001

FFFEFF

 300002

 000000

 E25366

 E25366

 E23C52

 E26A7A

 E2263F

 E2808D

 E20F2B

 E297A1

 E2001E

 E2ADB4

 E2C4C8

 E2DBDC

 E2F1EF

 E2FFFF

# Harmonies

## Analogous

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



D9549A



E25366



D26637

# Triad

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



E25366



3D973B



0090EB

# Complementary

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



E25366



53E2CF

# 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.



009AD2



E25366



009C6F

# Square

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



E25366



7F8C0E



009DA5



5D7FE8

# Rectangle

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



E25366



BC741B



009DA5



0094E6



# Sweetspot

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



E25366



FFCFD5



CF53E2



806266



000000



808080



# Same Dimension

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



E25366



FF3D57



E28753



706566



B00017



300006



# Inverse Universe

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



E25366



FF3D57



53AEE2



706566



B00017

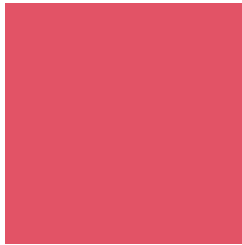


300006



# Previews

## White Background



This preview shows how the Hex color E25366 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 E25366 Background



This preview shows how black text looks on a background with the Hex color E25366.

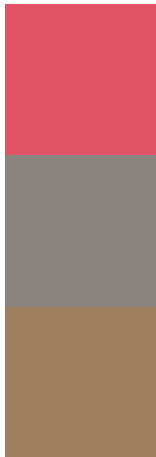


This preview shows how white text looks on a background with the Hex color E25366.

# 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**  
E25366

**Protanopia**  
89857E

**Deuteranopia**  
9E805F



**Tritanopia**  
E1555A

# Trichromacy



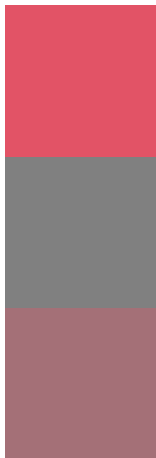
**Original Color**  
E25366

**Protanomaly**  
A97375

**Deuteranomaly**  
B77062

**Tritanomaly**  
E1545E

# Monochromacy



**Original Color**  
E25366

**Achromatopsia**  
808080

**Achromatomaly**  
A47077

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E25366 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 #E25366 looks like.

```
.text, #text, p{  
    color:#E25366  
}
```

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 #E25366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25366  
}
```

## Border

The CSS property to change the border of an element to Hex E25366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

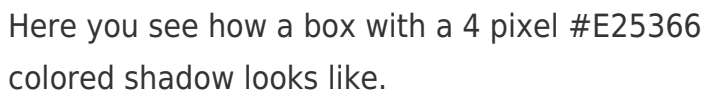
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E25366 }
```

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

```
.border{ border-color:#E25366 }
```

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



Here you see how a box with a 4 pixel #E25366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25366; -webkit-box-shadow:4px 4px  
4px 4px #E25366; box-shadow:4px 4px 4px  
4px #E25366 }
```

# Background

The CSS property to change the background color of an element to Hex E25366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25366 }
```

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

```
.background{ background-color:#E25366 }
```

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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