

# Converting Colors

Hex(E05556)

Have a look what the booklet for  
Hex(E05556) contains.

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**Color**

**Hex(E05556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E05556
RGB	224, 85, 86
RGB Percent	88%, 33%, 34%
CMY	0.1216, 0.6667, 0.6627
CMYK	0.00, 0.62, 0.62, 0.12
HSL	360°, 69%, 61%
HSV	360°, 62%, 88%
XYZ	35.6687, 23.0162, 11.3667
YIQ	126.6750, 82.5230, 29.7790

# Conversions

## Conversions Part 2

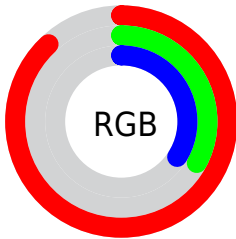
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 85, 86
Decimal	14701910
CIE <sub>Lab</sub>	55.09, 54.23, 28.40
CIE <sub>LCh</sub>	55, 61.216, 27.636
Yxy	23.0162, 0.5092, 0.3286
Android (android.graphics.Color)	4292891990 (0xFFE05556)
YUV	126.6750, -20.0528, 85.3540
Hunter-Lab	47.9752, 48.7550, 19.5351

# Details

The Hex color **E05556** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **55E0DF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8C88**, and **A21829** is the 20% darker color. If you saturate the color by 10%, you get **E03F40**, and if you desaturate by 10%, it is **E06B6C**.

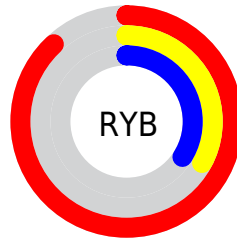
# Distribution



Red (88%)

Green (33%)

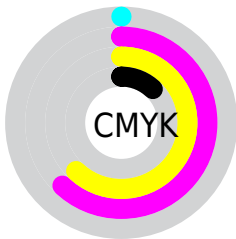
Blue (34%)



Red (88%)

Yellow (33%)

Blue (34%)

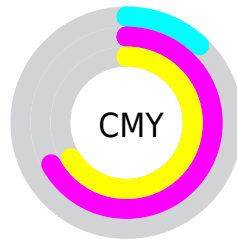


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (12%)



Cyan (12%)

Magenta (67%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E05556 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 E05556 by changing the saturation by 10% instead.



 E05556

 E05556

FFFFFF

 C1393F

 FF8C88

 A21829

 FFA8A2

 840014

 FFC5BD

 670000

 FFE2D9

 490000

 FFFFF5

 2D0001

 000000

 E05556

 E05556

 E03F40

 E06B6C

 E0282A

 E08282

 E01213

 E09899

 E00002

 E0AFAF

 E0C5C5

 E0DBDB

 E0F2F2

 E0FFFF

# Harmonies

## Analogous

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



DF4E8A



E05556



C96B28

# Triad

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



E05556



0E9848



008BEE

# Complementary

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



E05556



55E0DF

# 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.



0097DD



E05556



009C7E

# Square

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



E05556



6D8F16



009CB4



7A78E2

# Rectangle

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



E05556



B07908



009CB4



0090EC



# Sweetspot

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



E05556



FFCFCF



DE55E0



806262



000000



808080



# Same Dimension

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



E05556



FF4244



E09855



706565



B00001



300000



# Inverse Universe

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



E05556



FF4244



559DE0



706565



B00001



300000



# Previews

## White Background



This preview shows how the Hex color E05556 looks on a white background.

## Color Contrast Check

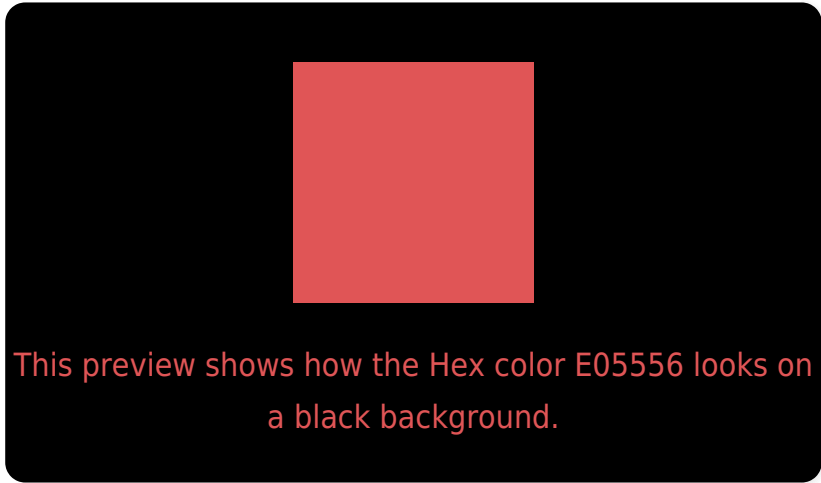
Large Text (above 18pt) WCAG AA ✓ Pass

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 E05556 Background



This preview shows how black text looks on a background with the Hex color E05556.



This preview shows how white text looks on a background with the Hex color E05556.

# 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**  
E05556

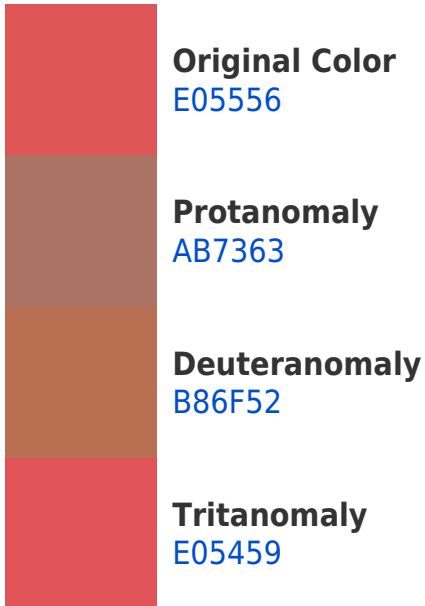
**Protanopia**  
8D846A

**Deuteranopia**  
A17E4F

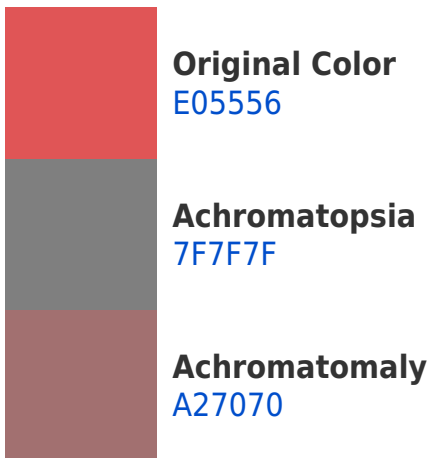


**Tritanopia**  
E0545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E05556 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 #E05556 looks like.

```
.text, #text, p{  
    color:#E05556  
}
```

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 #E05556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E05556
}
```

## Border

The CSS property to change the border of an element to Hex E05556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

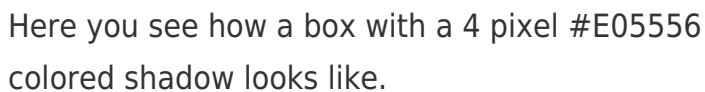
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E05556 }
```

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

```
.border{ border-color:#E05556 }
```

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



Here you see how a box with a 4 pixel #E05556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E05556; -webkit-box-shadow:4px 4px  
4px 4px #E05556; box-shadow:4px 4px 4px  
4px #E05556 }
```

# Background

The CSS property to change the background color of an element to Hex E05556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E05556 }
```

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

```
.background{ background-color:#E05556 }
```

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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