

Converting Colors

Hex(E01756)

Have a look what the booklet for
Hex(E01756) contains.

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Color

Hex(E01756)

Conversions

Conversions Part 1

Format	Color
Hex	E01756
RGB	224, 23, 86
RGB Percent	88%, 9%, 34%
CMY	0.1216, 0.9098, 0.6627
CMYK	0.00, 0.90, 0.62, 0.12
HSL	341°, 81%, 48%
HSV	341°, 90%, 88%
XYZ	32.7266, 17.1320, 10.3860
YIQ	90.2810, 99.5730, 62.2050

Conversions

Conversions Part 2

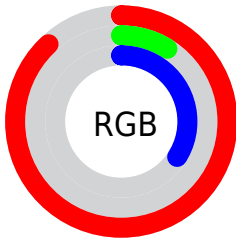
Format	Color
R_{YB}	224, 23, 86
Decimal	14686038
CIE _{Lab}	48.43, 72.75, 19.70
CIE _{LCh}	48, 75.370, 15.150
Yxy	17.1320, 0.5432, 0.2844
Android (android.graphics.Color)	4292876118 (0xFFE01756)
YUV	90.2810, -2.1105, 117.2716
Hunter-Lab	41.3908, 68.7013, 14.0962

Details

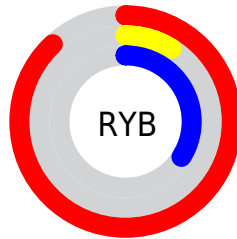
The Hex color **E01756** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **17E0A1**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6287**, and **A1002A** is the 20% darker color. If you saturate the color by 10%, you get **E00147**, and if you desaturate by 10%, it is **E02D65**.

Distribution



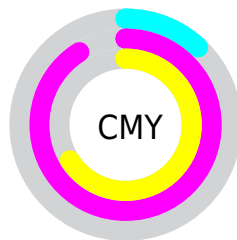
- Red (88%)
- Green (9%)
- Blue (34%)



- Red (88%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (62%)
- Black (12%)



- Cyan (12%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color E01756 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 E01756 by changing the saturation by 10% instead.

 E01756

 E01756

FFFFFF

 C0003F

 FF6287

 A1002A

 FF80A1

 820016

 FF9DBC

 630002

 FFBBD8

 460003

 FFD9F4

 250001

 FFF7FF

 000000

 E01756

 E01756

 E00147

 E02D65

 E00046

 E04475

 E05A84

 E07194

 E087A3

 E09DB2

 E0B4C2

 E0CAD1

 E0E1E0

Harmonies

Analogous

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



D22395



E01756



CE4316

Triad

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



E01756



058600



0084F0

Complementary

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



E01756



17E0A1

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.



008CCD



E01756



008C50

Square

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



E01756



6E7A00



008E93



0070F0

Rectangle

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



E01756



B55B00



008E93



0088E7

Sweetspot

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



E01756



FFBAD0



A017E0



805763



000000



808080

Same Dimension

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



E01756



FF0050



E03C17



706568



B00037



30000F

Inverse Universe

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



E01756



FF0050



17BBE0



706568



B00037



30000F

Previews

White Background



This preview shows how the Hex color E01756 looks on a white background.

Color Contrast Check

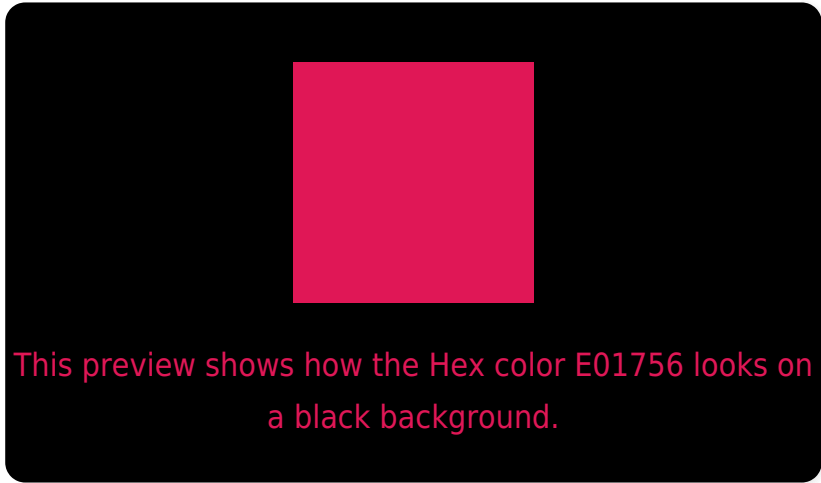
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex E01756 Background



This preview shows how black text looks on a background with the Hex color E01756.



This preview shows how white text looks on a background with the Hex color E01756.

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
E01756

Protanopia
74737C

Deuteranopia
8B6F4D

Trichromacy



Original Color
E01756



Protanomaly
9B526E



Deuteranomaly
AA4F50

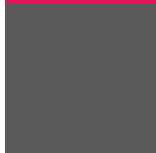


Tritanomaly
DF2237

Monochromacy



Original Color
E01756



Achromatopsia
5A5A5A



Achromatomaly
8B4259

CSS Examples

Text

The CSS property to change the color of the text to Hex E01756 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 #E01756 looks like.

```
.text, #text, p{  
    color:#E01756  
}
```

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 #E01756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01756
}
```

Border

The CSS property to change the border of an element to Hex E01756 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
#E01756 }
```

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

```
.border{ border-color:#E01756 }
```

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

Here you see how a box with a 4 pixel #E01756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01756; -webkit-box-shadow:4px 4px  
4px 4px #E01756; box-shadow:4px 4px 4px  
4px #E01756 }
```

Background

The CSS property to change the background color of an element to Hex E01756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01756 }
```

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

```
.background{ background-color:#E01756 }
```

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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