

Converting Colors

Hex(E2163F)

Have a look what the booklet for
Hex(E2163F) contains.

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Color

Hex(E2163F)

Conversions

Conversions Part 1

Format	Color
Hex	E2163F
RGB	226, 22, 63
RGB Percent	89%, 9%, 25%
CMY	0.1137, 0.9137, 0.7529
CMYK	0.00, 0.90, 0.72, 0.11
HSL	348°, 82%, 49%
HSV	348°, 90%, 89%
XYZ	32.5481, 17.1015, 6.2881
YIQ	87.6700, 108.4230, 55.9990

Conversions

Conversions Part 2

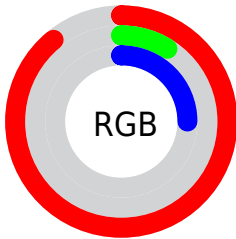
Format	Color
R_{YB}	226, 22, 63
Decimal	14816831
CIE Lab	48.39, 72.28, 33.71
CIE LCh	48, 79.751, 25.002
Yxy	17.1015, 0.5819, 0.3057
Android (android.graphics.Color)	4293006911 (0xFFE2163F)
YUV	87.6700, -12.1623, 121.3154
Hunter-Lab	41.3539, 68.1215, 19.9324

Details

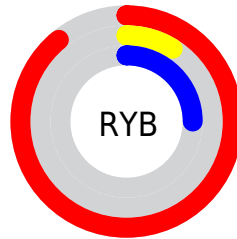
The Hex color **E2163F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **16E2B9**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF616F**, and **A20015** is the 20% darker color. If you saturate the color by 10%, you get **E2002D**, and if you desaturate by 10%, it is **E22D51**.

Distribution



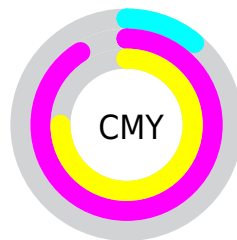
- Red (89%)
- Green (9%)
- Blue (25%)



- Red (89%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (72%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2163F 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 E2163F by changing the saturation by 10% instead.

 E2163F

 E2163F

FFFFFF

 C20029

 FF616F

 A20015

 FF7F88

 820000

 FF9DA2

 620002

 FFBABD

 450003

 FFD8D9

 240001

 FFF6F5

 000000

 E2163F

 E2163F

 E2002D

 E22D51

 E24363

 E25A75

 E27087

 E28799

 E29EAB

 E2B4BD

 E2CBCF

 E2E1E2

Harmonies

Analogous

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



E00081



E2163F



C64C00

Triad

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



E2163F



008918



007FFB

Complementary

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



E2163F



16E2B9

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.



008BE2



E2163F



008E65

Square

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



E2163F



558000



008FAB



4766EF

Rectangle

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



E2163F



A76300



008FAB



0085F7

Sweetspot

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



E2163F



FFBAC8



B616E2



80575F



000000



808080

Same Dimension

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



E2163F



FF0033



E25016



706567



B00023



30000A

Inverse Universe

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



E2163F



FF0033



16A8E2



706567



B00023



30000A

Previews

White Background



This preview shows how the Hex color E2163F looks on a white background.

Color Contrast Check

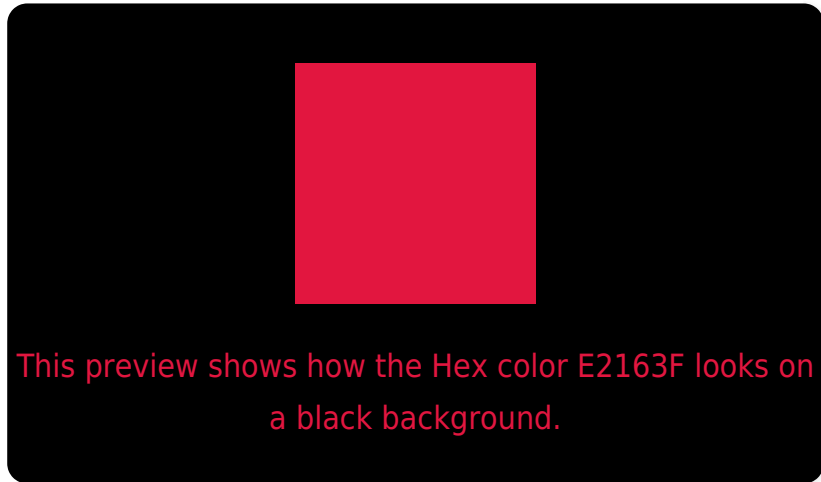
Large Text (above 18pt) WCAG AA ✓ Pass

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 E2163F Background



This preview shows how black text looks on a background with the Hex color E2163F.



This preview shows how white text looks on a background with the Hex color E2163F.

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
E2163F

Protanopia
7B745D

Deuteranopia
906E34



Tritanopia
E1201C

Trichromacy



Original Color
E2163F

Protanomaly
A05252

Deuteranomaly
AE4E38

Tritanomaly
E11C29

Monochromacy



Original Color
E2163F

Achromatopsia
585858

Achromatomaly
8A404F

CSS Examples

Text

The CSS property to change the color of the text to Hex E2163F 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 #E2163F looks like.

```
.text, #text, p{  
    color:#E2163F  
}
```

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 #E2163F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2163F
}
```

Border

The CSS property to change the border of an element to Hex E2163F is called "border". The border property can be set on classes, ids or directly on the HTML element.

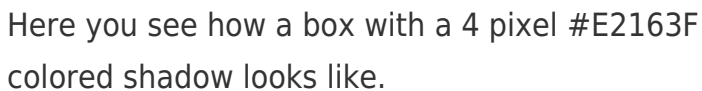
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2163F }
```

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

```
.border{ border-color:#E2163F }
```

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



Here you see how a box with a 4 pixel `#E2163F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2163F; -webkit-box-shadow:4px 4px  
4px 4px #E2163F; box-shadow:4px 4px 4px  
4px #E2163F }
```

Background

The CSS property to change the background color of an element to Hex E2163F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2163F }
```

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

```
.background{ background-color:#E2163F }
```

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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