

Converting Colors

Hex(E21851)

Have a look what the booklet for
Hex(E21851) contains.

Hex(E21851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E21851)

Conversions

Conversions Part 1

Format	Color
Hex	E21851
RGB	226, 24, 81
RGB Percent	89%, 9%, 32%
CMY	0.1137, 0.9059, 0.6824
CMYK	0.00, 0.89, 0.64, 0.11
HSL	343°, 81%, 49%
HSV	343°, 89%, 89%
XYZ	33.1759, 17.4161, 9.3977
YIQ	90.8960, 102.0950, 60.5510

Conversions

Conversions Part 2

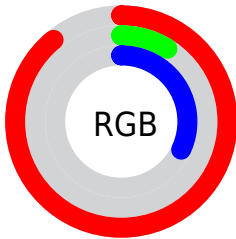
Format	Color
R_{YB}	226, 24, 81
Decimal	14817361
CIE Lab	48.78, 72.82, 23.30
CIE LCh	49, 76.458, 17.746
Yxy	17.4161, 0.5530, 0.2903
Android (android.graphics.Color)	4293007441 (0xFFE21851)
YUV	90.8960, -4.8787, 118.4862
Hunter-Lab	41.7326, 68.8688, 15.8615

Details

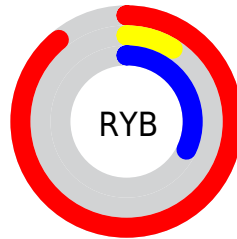
The Hex color **E21851** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **18E2A9**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6282**, and **A30025** is the 20% darker color. If you saturate the color by 10%, you get **E20141**, and if you desaturate by 10%, it is **E22F61**.

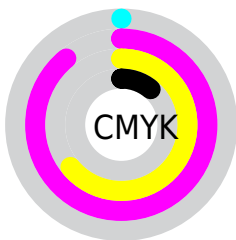
Distribution



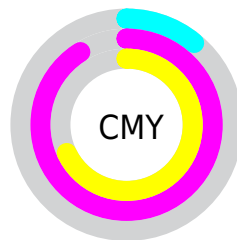
- Red (89%)
- Green (9%)
- Blue (32%)



- Red (89%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (89%)
- Yellow (64%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color E21851 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 E21851 by changing the saturation by 10% instead.

 E21851

 E21851

FFFFFF

 C2003A

 FF6282

 A30025

 FF809C

 830012

 FF9EB7

 640002

 FFBCD2

 470004

 FFD9EE

 260001

 FFF8FF

 000000

 E21851

 E21851

 E20141

 E22F61

 E20040

 E24571

 E25C82

 E27292

 E289A2

 E2A0B2

 E2B6C3

 E2CDD3

 E2E3E3

Harmonies

Analogous

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



D71C91



E21851



CD460C

Triad

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



E21851



008802



0084F4

Complementary

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



E21851



18E2A9

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.



008DD4



E21851



008E56

Square

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



E21851



697D00



008F9A



006FF1

Rectangle

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



E21851



B35E00



008F9A



0088ED

Sweetspot

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



E21851



FFBACE



A918E2



805762



000000



808080

Same Dimension

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



E21851



FF0048



E24418



706568



B00032



30000E

Inverse Universe

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



E21851



FF0048



18B6E2



706568



B00032



30000E

Previews

White Background



This preview shows how the Hex color E21851 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 E21851 Background



This preview shows how black text looks on a background with the Hex color E21851.



This preview shows how white text looks on a background with the Hex color E21851.

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
E21851

Protanopia
777475

Deuteranopia
8E7047

Trichromacy



Original Color
E21851



Protanomaly
9E5368



Deuteranomaly
AD504B



Tritanomaly
E12135

Monochromacy



Original Color
E21851



Achromatopsia
5B5B5B



Achromatomaly
8C4357

CSS Examples

Text

The CSS property to change the color of the text to Hex E21851 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 #E21851 looks like.

```
.text, #text, p{  
    color:#E21851  
}
```

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 #E21851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21851 }
}
```

Border

The CSS property to change the border of an element to Hex E21851 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 #E21851 }
}
```

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

```
.border{ border-color:#E21851 }
```

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

Here you see how a box with a 4 pixel #E21851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21851; -webkit-box-shadow:4px 4px  
4px 4px #E21851; box-shadow:4px 4px 4px  
4px #E21851 }
```

Background

The CSS property to change the background color of an element to Hex E21851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21851 }
```

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

```
.background{ background-color:#E21851 }
```

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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