

# Converting Colors

Hex(E20F4D)

Have a look what the booklet for  
Hex(E20F4D) contains.

<b>Hex(E20F4D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(E20F4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E20F4D
RGB	226, 15, 77
RGB Percent	89%, 6%, 30%
CMY	0.1137, 0.9412, 0.6980
CMYK	0.00, 0.93, 0.66, 0.11
HSL	342°, 88%, 47%
HSV	342°, 93%, 89%
XYZ	32.8744, 17.0462, 8.5788
YIQ	85.1570, 105.8540, 64.0140

# Conversions

## Conversions Part 2

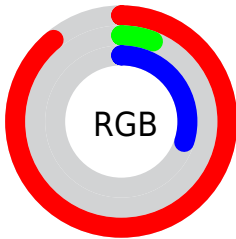
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 15, 77
Decimal	14815053
CIE <sub>Lab</sub>	48.32, 73.74, 25.15
CIE <sub>LCh</sub>	48, 77.913, 18.835
Yxy	17.0462, 0.5620, 0.2914
Android (android.graphics.Color)	4293005133 (0xFFE20F4D)
YUV	85.1570, -4.0214, 123.5193
Hunter-Lab	41.2871, 69.8764, 16.5815

# Details

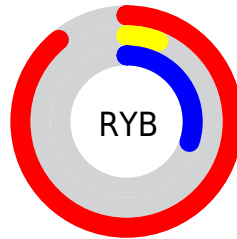
The Hex color **E20F4D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **0FE2A4**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F7E**, and **A20022** is the 20% darker color. If you saturate the color by 10%, you get **E20042**, and if you desaturate by 10%, it is **E2265D**.

# Distribution



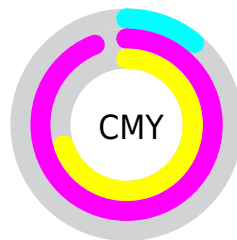
- Red (89%)
- Green (6%)
- Blue (30%)



- Red (89%)
- Yellow (6%)
- Blue (30%)



- Cyan (0%)
- Magenta (93%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (94%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E20F4D 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 E20F4D by changing the saturation by 10% instead.



 E20F4D

 E20F4D

FFFFFF

 C20037

 FF5F7E

 A20022

 FF7D97

 83000D

 FF9BB2

 640002

 FFB9CD

 460003

 FFD7EA

 250001

 FFF5FF

 000000

 E20F4D

 E20F4D

 E20042

 E2265D

 E23C6D

 E2537D

 E2698D

 E2809D

 E297AD

 E2ADBD

 E2C4CD

 E2DADD

# Harmonies

## Analogous

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



D9108E



E20F4D



CC4502

# Triad

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



E20F4D



008700



0082F6

# Complementary

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



E20F4D



0FE2A4

# 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.



008CD6



E20F4D



008D57

# Square

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



E20F4D



657C00



008E9C



006DF1

# Rectangle

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



E20F4D



B05D00



008E9C



0087EF



# Sweetspot

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



E20F4D



FFB8CD



A30FE2



805461



000000



808080



# Same Dimension

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



E20F4D



FF004B



E2390F



706568



B00034



30000E



# Inverse Universe

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



E20F4D



FF004B



0FB8E2



706568



B00034



30000E



# Previews

## White Background



This preview shows how the Hex color E20F4D looks on a white background.

## Color Contrast Check

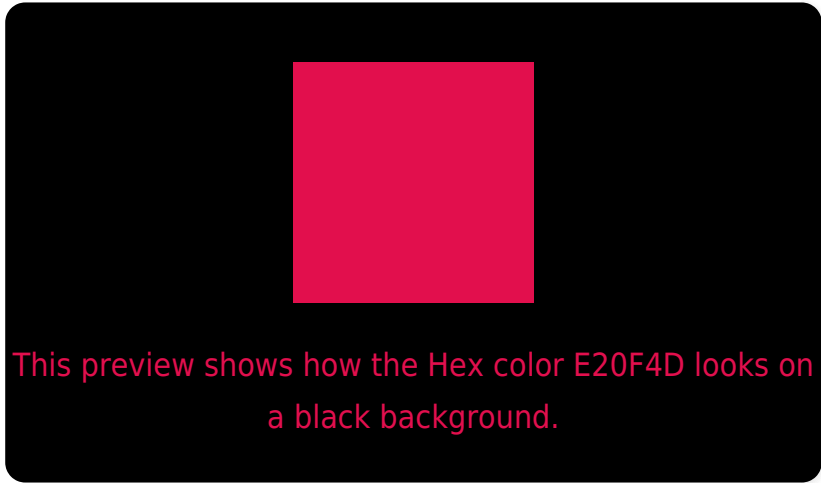
Large Text (above 18pt) WCAG AA ✓ Pass

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 E20F4D Background



This preview shows how black text looks on a background with the Hex color E20F4D.

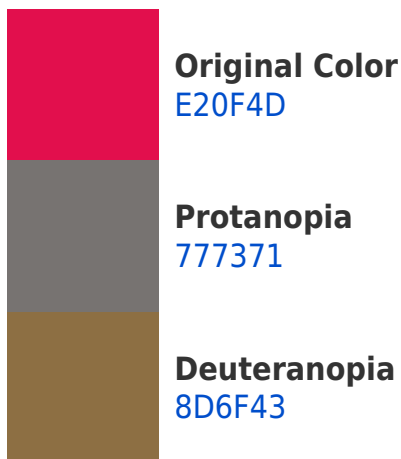


This preview shows how white text looks on a background with the Hex color E20F4D.

# 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





**Tritanopia**  
E1211E

# Trichromacy



**Original Color**  
E20F4D



**Protanomaly**  
9E4F64



**Deuteranomaly**  
AC4C47



**Tritanomaly**  
E11A2F

# Monochromacy



**Original Color**  
E20F4D



**Achromatopsia**  
555555



**Achromatomaly**  
883C52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E20F4D 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 #E20F4D looks like.

```
.text, #text, p{  
    color:#E20F4D  
}
```

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 #E20F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20F4D }
}
```

## Border

The CSS property to change the border of an element to Hex E20F4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

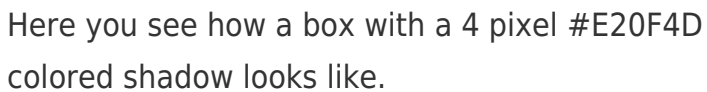
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E20F4D }
}
```

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

```
.border{ border-color:#E20F4D }
```

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



Here you see how a box with a 4 pixel #E20F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20F4D; -webkit-box-shadow:4px 4px  
4px 4px #E20F4D; box-shadow:4px 4px 4px  
4px #E20F4D }
```

# Background

The CSS property to change the background color of an element to Hex E20F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20F4D }
```

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

```
.background{ background-color:#E20F4D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor