

Converting Colors

Hex(EA1953)

Have a look what the booklet for
Hex(EA1953) contains.

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Color

Hex(EA1953)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EA1953 |
| RGB | 234, 25, 83 |
| RGB Percent | 92%, 10%, 33% |
| CMY | 0.0824, 0.9020, 0.6745 |
| CMYK | 0.00, 0.89, 0.65, 0.08 |
| HSL | 343°, 83%, 51% |
| HSV | 343°, 89%, 92% |
| XYZ | 35.8406, 18.8122, 9.9257 |
| YIQ | 94.1030, 105.9460, 62.3460 |

Conversions

Conversions Part 2

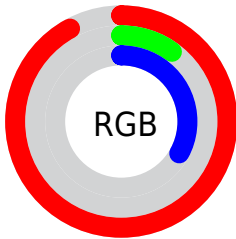
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 25, 83 |
| Decimal | 15341907 |
| CIE _{Lab} | 50.47, 74.73, 24.59 |
| CIE _{LCh} | 50, 78.675, 18.211 |
| Yxy | 18.8122, 0.5550, 0.2913 |
| Android (android.graphics.Color) | 4293531987 (0xFFEA1953) |
| YUV | 94.1030, -5.4738, 122.6897 |
| Hunter-Lab | 43.3731, 71.5978, 16.7929 |

Details

The Hex color **EA1953** 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 **19EAB0**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6484**, and **AA0027** is the 20% darker color. If you saturate the color by 10%, you get **EA0242**, and if you desaturate by 10%, it is **EA3064**.

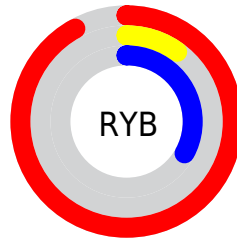
Distribution



Red (92%)

Green (10%)

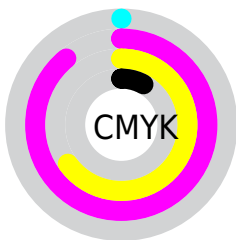
Blue (33%)



Red (92%)

Yellow (10%)

Blue (33%)

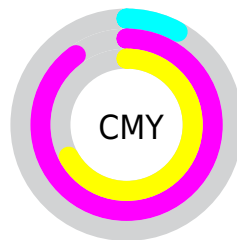


Cyan (0%)

Magenta (89%)

Yellow (65%)

Black (8%)



Cyan (8%)

Magenta (90%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA1953 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 EA1953 by changing the saturation by 10% instead.

 EA1953

 EA1953

FFFFFF

 CA003C

 FF6484

 AA0027

 FF839E

 8A0014

 FFA0B9

 6B0001

 FFBED5

 4E0004

 FFDCF1

 2D0002

 FFFBFF

 000000

 EA1953

 EA1953

 EA0242

 EA3064

 EA0041

 EA4875

 EA5F86

 EA7797

 EA8EA8

 EAA5B8

 EABDC9

 EAD4DA

 EAECEB

Harmonies

Analogous

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



E01C96



EA1953



D4490B

Triad

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



EA1953



008D04



0088FD

Complementary

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



EA1953



19EAB0

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.



0092DC



EA1953



00935A

Square

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



EA1953



6C8100



0094A0



0072F9

Rectangle

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



EA1953



B86200



0094A0



008DF6

Sweetspot

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



EA1953



FFBACD



AF19EA



805762



000000



808080

Same Dimension

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



EA1953



FF0047



EA4619



756A6D



B50032



36000F

Inverse Universe

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



EA1953



FF0047



19BDEA



756A6D



B50032



36000F

Previews

White Background



This preview shows how the Hex color EA1953 looks on a white background.

Color Contrast Check

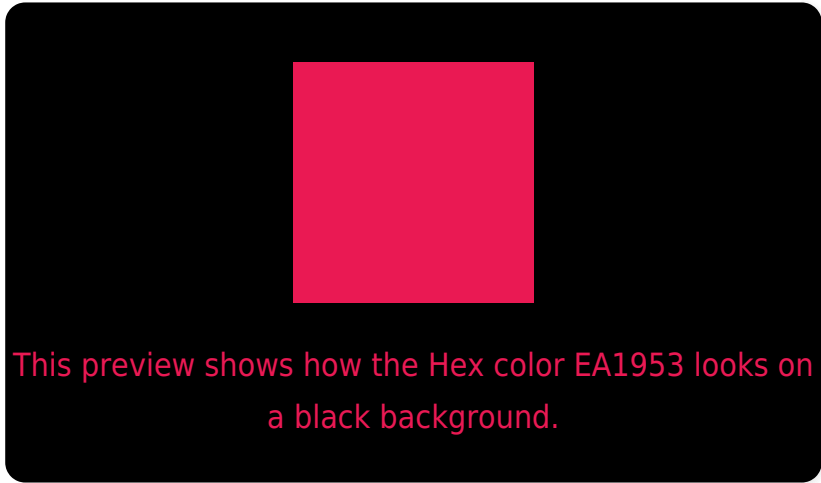
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA1953 Background



This preview shows how black text looks on a background with the Hex color EA1953.

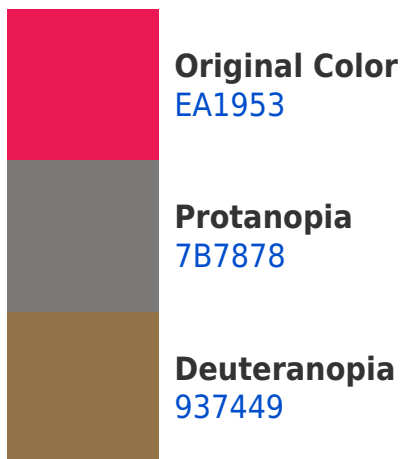


This preview shows how white text looks on a background with the Hex color EA1953.

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
E92826

Trichromacy



Original Color
EA1953



Protanomaly
A3556B



Deuteranomaly
B3534D



Tritanomaly
E92336

Monochromacy



Original Color
EA1953



Achromatopsia
5E5E5E



Achromatomaly
91455A

CSS Examples

Text

The CSS property to change the color of the text to Hex EA1953 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 #EA1953 looks like.

```
.text, #text, p{  
    color:#EA1953  
}
```

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 #EA1953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA1953
}
```

Border

The CSS property to change the border of an element to Hex EA1953 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
#EA1953 }
```

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

```
.border{ border-color:#EA1953 }
```

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

Here you see how a box with a 4 pixel #EA1953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA1953; -webkit-box-shadow:4px 4px  
4px 4px #EA1953; box-shadow:4px 4px 4px  
4px #EA1953 }
```

Background

The CSS property to change the background color of an element to Hex EA1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA1953 }
```

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

```
.background{ background-color:#EA1953 }
```

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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