

Converting Colors

Hex(EC1C20)

Have a look what the booklet for
Hex(EC1C20) contains.

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Color

Hex(**EC1C20**)

Conversions

Conversions Part 1

Format	Color
Hex	EC1C20
RGB	236, 28, 32
RGB Percent	93%, 11%, 13%
CMY	0.0745, 0.8902, 0.8745
CMYK	0.00, 0.88, 0.86, 0.07
HSL	359°, 85%, 52%
HSV	359°, 88%, 93%
XYZ	35.2680, 18.7677, 3.1302
YIQ	90.6480, 122.6840, 45.3400

Conversions

Conversions Part 2

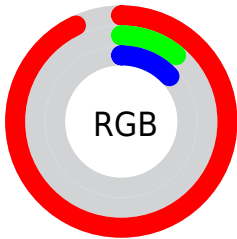
Format	Color
RYB	236, 28, 32
Decimal	15473696
CIELab	50.41, 73.03, 53.24
CIElCh	50, 90.373, 36.094
Yxy	18.7677, 0.6169, 0.3283
Android (android.graphics.Color)	4293663776 (0xFFEC1C20)
YUV	90.6480, -28.9135, 127.4737
Hunter-Lab	43.3217, 69.5034, 26.0412

Details

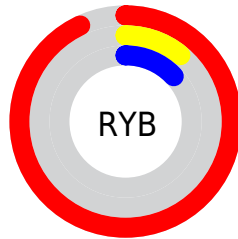
The Hex color **EC1C20** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1CECE8**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6550**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0409**, and if you desaturate by 10%, it is **EC3437**.

Distribution



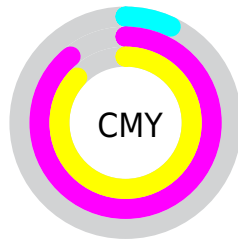
- Red (93%)
- Green (11%)
- Blue (13%)



- Red (93%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (86%)
- Black (7%)



- Cyan (7%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC1C20 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 EC1C20 by changing the saturation by 10% instead.

 EC1C20

 EC1C20

FFFFFF

 CB0007

 FF6550

 AA0000

 FF8368

 8A0000

 FFA082

 690001

 FFBE9D

 4C0004

 FFDCB8

 2C0001

 FFFAD4

 000000

 FFFFF0

 EC1C20

 EC1C20

 EC0409

 EC3437

 EC0005

 EC4B4E

 EC6365

 EC7A7D

 EC9294

 ECAAAB

 ECC1C2

 ECD9D9

 ECF0F0

Harmonies

Analogous

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



F9006C



EC1C20



C25B00

Triad

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



EC1C20



009333



007EFF

Complementary

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



EC1C20



1CECE8

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.



0090FF



EC1C20



009686

Square

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



EC1C20



258B00



0097D2



8359F7

Rectangle

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



EC1C20



9B7200



0097D2



0086FF

Sweetspot

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



EC1C20



FFBDBE



E51CEC



805859



000000



808080

Same Dimension

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



EC1C20



FF0005



EC7D1C



756A6A



B50003



360001

Inverse Universe

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



EC1C20



FF0005



1C8BEC



756A6A



B50003



360001

Previews

White Background



This preview shows how the Hex color EC1C20 looks on a white background.

Color Contrast Check

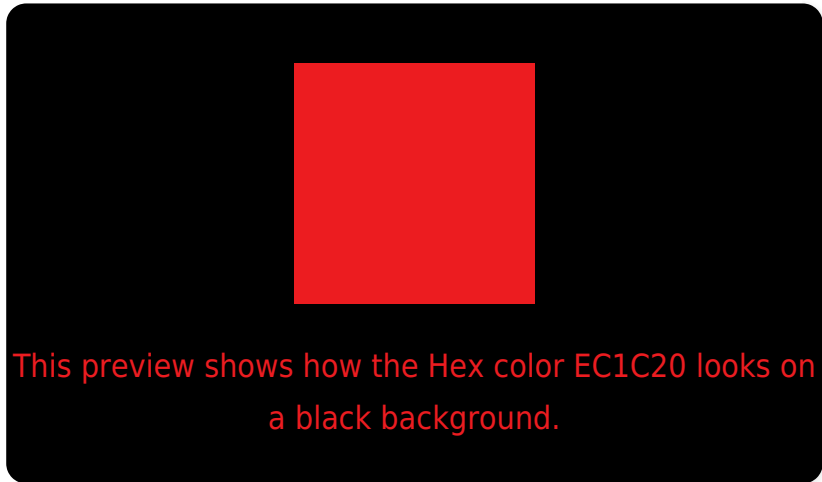
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC1C20 Background



This preview shows how black text looks on a background with the Hex color EC1C20.



This preview shows how white text looks on a background with the Hex color EC1C20.

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
EC1C20

Protanopia
867935

Deuteranopia
997300

Trichromacy



Original Color
EC1C20

Protanomaly
AB572D

Deuteranomaly
B7530C

Tritanomaly
EC1D1B

Monochromacy



Original Color
EC1C20

Achromatopsia
5B5B5B

Achromatomaly
904446

CSS Examples

Text

The CSS property to change the color of the text to Hex EC1C20 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 #EC1C20 looks like.

```
.text, #text, p{  
    color:#EC1C20  
}
```

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 #EC1C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1C20
}
```

Border

The CSS property to change the border of an element to Hex EC1C20 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".

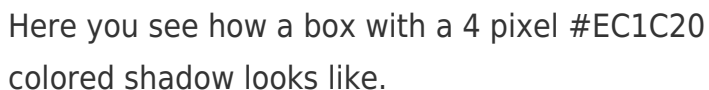
```
.border, #border, table{ border:4px solid
#EC1C20 }
```

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

```
.border{ border-color:#EC1C20 }
```

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

Here you see how a box with a 4 pixel #EC1C20 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a thick red line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1C20; -webkit-box-shadow:4px 4px  
4px 4px #EC1C20; box-shadow:4px 4px 4px  
4px #EC1C20 }
```

Background

The CSS property to change the background color of an element to Hex EC1C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1C20 }
```

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

```
.background{ background-color:#EC1C20 }
```

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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