

Converting Colors

Hex(E20120)

Have a look what the booklet for
Hex(E20120) contains.

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Color

Hex(E20120)

Conversions

Conversions Part 1

Format	Color
Hex	E20120
RGB	226, 1, 32
RGB Percent	89%, 0%, 13%
CMY	0.1137, 0.9961, 0.8745
CMYK	0.00, 1.00, 0.86, 0.11
HSL	352°, 99%, 45%
HSV	352°, 100%, 89%
XYZ	31.6356, 16.2947, 2.8443
YIQ	71.8090, 124.1490, 57.3410

Conversions

Conversions Part 2

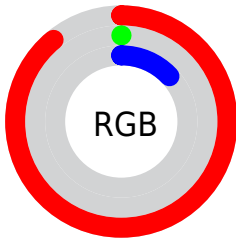
Format	Color
RYB	226, 1, 32
Decimal	14811424
CIELab	47.36, 73.41, 49.90
CIELCh	47, 88.763, 34.203
Yxy	16.2947, 0.6231, 0.3209
Android (android.graphics.Color)	4293001504 (0xFFE20120)
YUV	71.8090, -19.6258, 135.2255
Hunter-Lab	40.3667, 69.2494, 24.0790

Details

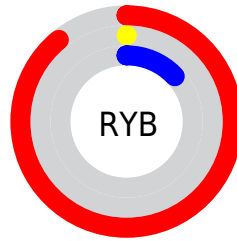
The Hex color **E20120** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **01E2C3**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5B4F**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E2001F**, and if you desaturate by 10%, it is **E21833**.

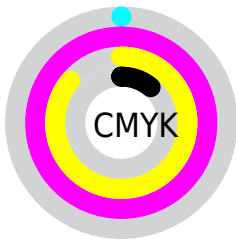
Distribution



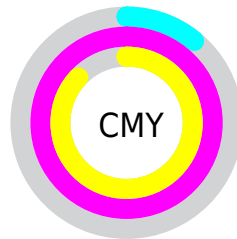
- Red (89%)
- Green (0%)
- Blue (13%)



- Red (89%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E20120 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 E20120 by changing the saturation by 10% instead.

 E20120

 E20120

FFFFFF

 C10009

 FF5B4F

 A10000

 FF7967

 800000

 FF9781

 600002

 FFB59B

 430003

 FFD2B6

 210001

 FFF1D2

 000000

 FFFFEE

 E20120

 E20120

 E2001F

 E21833

 E22E47

 E2455A

 E25B6E

 E27281

 E28995

 E29FA8

 E2B6BC

 E2CCCC

Harmonies

Analogous

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



EC006A



E20120



BB5100

Triad

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



E20120



008A27



0078FF

Complementary

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



E20120



01E2C3

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.



0089F9



E20120



008D79

Square

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



E20120



278200



008EC4



7155EE

Rectangle

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



E20120



956900



008EC4



007FFF

Sweetspot

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



E20120



FFB3BD



C001E2



805258



000000



808080

Same Dimension

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



E20120



FF0023



E25001



706567



B00018



300007

Inverse Universe

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



E20120



FF0023



0193E2



706567



B00018



300007

Previews

White Background



This preview shows how the Hex color E20120 looks on a white background.

Color Contrast Check

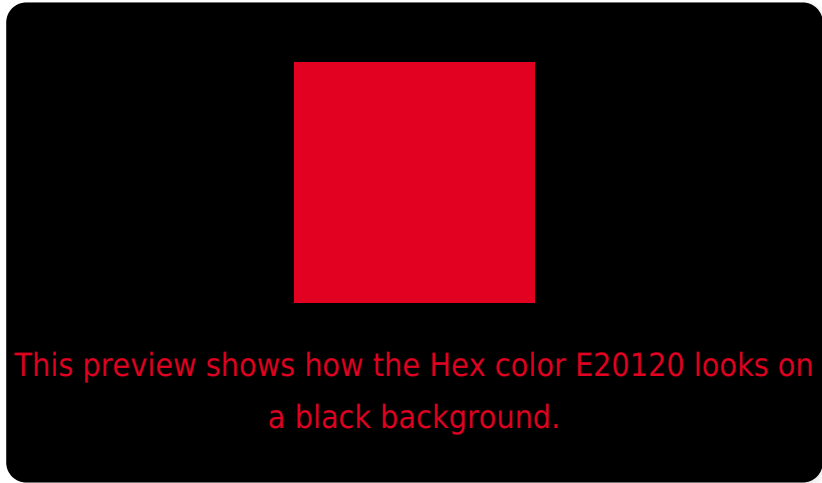
Large Text (above 18pt) WCAG AA ✓ Pass

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 E20120 Background



This preview shows how black text looks on a background with the Hex color E20120.



This preview shows how white text looks on a background with the Hex color E20120.

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
E20120

Protanopia
7F235

Deuteranopia
906C00



Tritanopia
E11400

Trichromacy



Original Color
E20120



Protanomaly
A3492D



Deuteranomaly
AE450C



Tritanomaly
E10D0C

Monochromacy



Original Color
E20120



Achromatopsia
484848



Achromatomaly
802E39

CSS Examples

Text

The CSS property to change the color of the text to Hex E20120 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 #E20120 looks like.

```
.text, #text, p{  
    color:#E20120  
}
```

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 #E20120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20120
}
```

Border

The CSS property to change the border of an element to Hex E20120 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
#E20120 }
```

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

```
.border{ border-color:#E20120 }
```

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

Here you see how a box with a 4 pixel #E20120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20120; -webkit-box-shadow:4px 4px  
4px 4px #E20120; box-shadow:4px 4px 4px  
4px #E20120 }
```

Background

The CSS property to change the background color of an element to Hex E20120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20120 }
```

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

```
.background{ background-color:#E20120 }
```

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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