

Converting Colors

Hex(E60221)

Have a look what the booklet for
Hex(E60221) contains.

Hex(E60221)	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(E60221)

Conversions

Conversions Part 1

Format	Color
Hex	E60221
RGB	230, 2, 33
RGB Percent	90%, 1%, 13%
CMY	0.0980, 0.9922, 0.8706
CMYK	0.00, 0.99, 0.86, 0.10
HSL	352°, 98%, 45%
HSV	352°, 99%, 90%
XYZ	32.9293, 16.9762, 2.9800
YIQ	73.7060, 125.9370, 57.9770

Conversions

Conversions Part 2

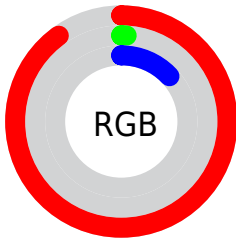
Format	Color
RYB	230, 2, 33
Decimal	15073825
CIELab	48.23, 74.32, 50.47
CIELCh	48, 89.834, 34.181
Yxy	16.9762, 0.6227, 0.3210
Android (android.graphics.Color)	4293263905 (0xFFE60221)
YUV	73.7060, -20.0681, 137.0698
Hunter-Lab	41.2022, 70.5557, 24.5533

Details

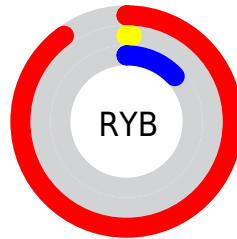
The Hex color **E60221** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **02E6C7**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5C50**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E6001F**, and if you desaturate by 10%, it is **E61935**.

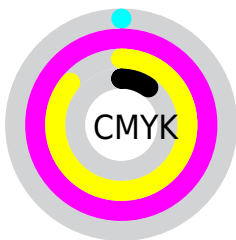
Distribution



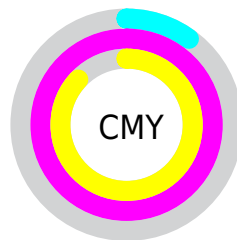
- Red (90%)
- Green (1%)
- Blue (13%)



- Red (90%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (99%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E60221 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 E60221 by changing the saturation by 10% instead.

 E60221

 E60221

FFFFFF

 C5000A

 FF5C50

 A40000

 FF7A68

 840000

 FF9882

 640002

 FFB69C

 460003

 FFD4B8

 250001

 FFF2D3

 000000

 FFFFF0

 E60221

 E60221

 E6001F

 E61935

 E63049

 E6475D

 E65E70

 E67584

 E68C98

 E6A3AC

 E6BAC0

 E6D1D4

Harmonies

Analogous

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



F0006C



E60221



BE5300

Triad

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



E60221



008D28



007AFF

Complementary

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



E60221



02E6C7

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.



008BFD



E60221



00907C

Square

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



E60221



298500



0090C7



7457F2

Rectangle

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



E60221



986B00



0090C7



0082FF

Sweetspot

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



E60221



FFB3BD



C402E6



805258



000000



808080

Same Dimension

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



E60221



FF0023



E65202



736769



B30018



330007

Inverse Universe

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



E60221



FF0023



0296E6



736769



B30018



330007

Previews

White Background



This preview shows how the Hex color E60221 looks on a white background.

Color Contrast Check

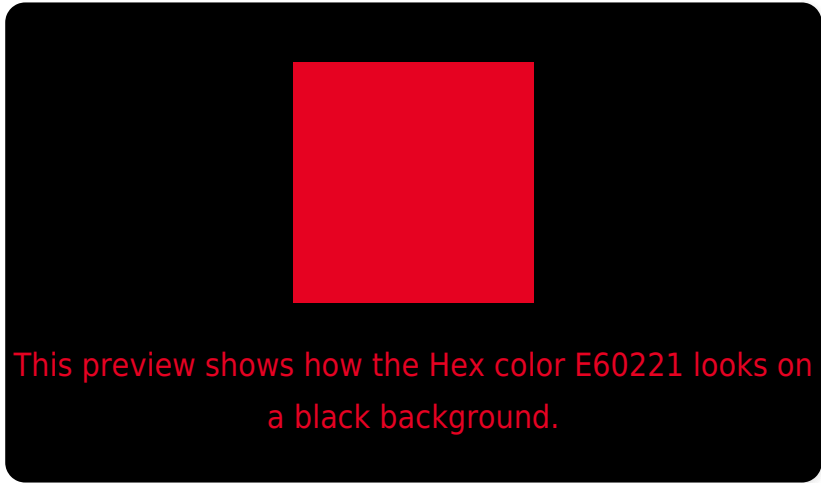
Large Text (above 18pt) WCAG AA ✓ Pass

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 E60221 Background



This preview shows how black text looks on a background with the Hex color E60221.



This preview shows how white text looks on a background with the Hex color E60221.

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
E60221

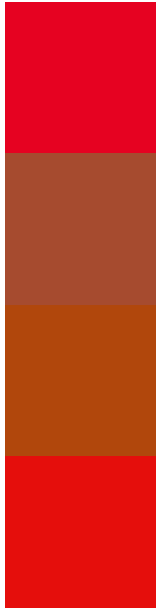
Protanopia
817437

Deuteranopia
936E00



Tritanopia
E51500

Trichromacy



Original Color
E60221

Protanomaly
A64B2F

Deuteranomaly
B1470C

Tritanomaly
E50E0C

Monochromacy



Original Color
E60221

Achromatopsia
4A4A4A

Achromatomaly
83303B

CSS Examples

Text

The CSS property to change the color of the text to Hex E60221 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 #E60221 looks like.

```
.text, #text, p{  
    color:#E60221  
}
```

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 #E60221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E60221
}
```

Border

The CSS property to change the border of an element to Hex E60221 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
#E60221 }
```

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

```
.border{ border-color:#E60221 }
```

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

Here you see how a box with a 4 pixel #E60221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E60221; -webkit-box-shadow:4px 4px  
4px 4px #E60221; box-shadow:4px 4px 4px  
4px #E60221 }
```

Background

The CSS property to change the background color of an element to Hex E60221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E60221 }
```

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

```
.background{ background-color:#E60221 }
```

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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