

Converting Colors

Hex(E42421)

Have a look what the booklet for
Hex(E42421) contains.

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Color

Hex(E42421)

Conversions

Conversions Part 1

Format	Color
Hex	E42421
RGB	228, 36, 33
RGB Percent	89%, 14%, 13%
CMY	0.1059, 0.8588, 0.8706
CMYK	0.00, 0.84, 0.86, 0.11
HSL	1°, 78%, 51%
HSV	1°, 86%, 89%
XYZ	32.9003, 17.8655, 3.1532
YIQ	93.0660, 115.3950, 39.7710

Conversions

Conversions Part 2

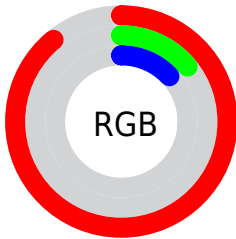
Format	Color
R_{YB}	228, 36, 33
Decimal	14951457
CIE Lab	49.33, 69.46, 51.22
CIE LCh	49, 86.307, 36.407
Yxy	17.8655, 0.6102, 0.3313
Android (android.graphics.Color)	4293141537 (0xFFE42421)
YUV	93.0660, -29.6125, 118.3371
Hunter-Lab	42.2676, 64.9725, 25.1643

Details

The Hex color **E42421** 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 **21E1E4**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6750**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E40E0A**, and if you desaturate by 10%, it is **E43A38**.

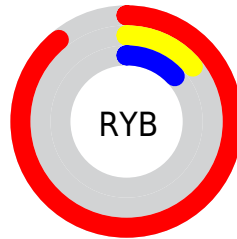
Distribution



Red (89%)

Green (14%)

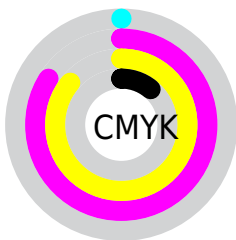
Blue (13%)



Red (89%)

Yellow (14%)

Blue (13%)

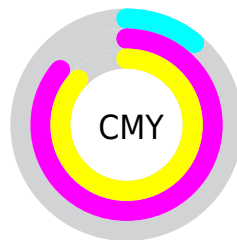


Cyan (0%)

Magenta (84%)

Yellow (86%)

Black (11%)



Cyan (11%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E42421 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 E42421 by changing the saturation by 10% instead.

 E42421

 E42421

FFFFFF

 C30009

 FF6750

 A30000

 FF8569

 830000

 FFA283

 630001

 FFBF9D

 460003

 FFDDB9

 250001

 FFFBD5

 000000

 FFFFF1

 E42421

 E42421

 E40E0A

 E43A38

 E40400

 E4514F

 E46765

 E47E7C

 E49493

 E4ABAA

 E4C1C1

 E4D8D7

 E4EEEE

Harmonies

Analogous

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



F00069



E42421



BC5A00

Triad

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



E42421



008F35



007BFF

Complementary

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



E42421



21E1E4

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.



008CFD



E42421



009384

Square

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



E42421



288800



0093CC



8258ED

Rectangle

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



E42421



977000



0093CC



0082FF

Sweetspot

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



E42421



FFBEBD



E421E4



805958



000000



808080

Same Dimension

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



E42421



FF0400



E48321



736767



B30300



330100

Inverse Universe

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



21E1E4



00FBFF



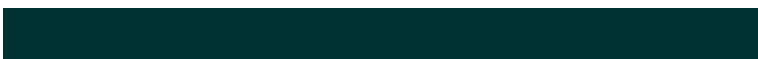
2183E4



677373



00B0B3



003233

Previews

White Background



This preview shows how the Hex color E42421 looks on a white background.

Color Contrast Check

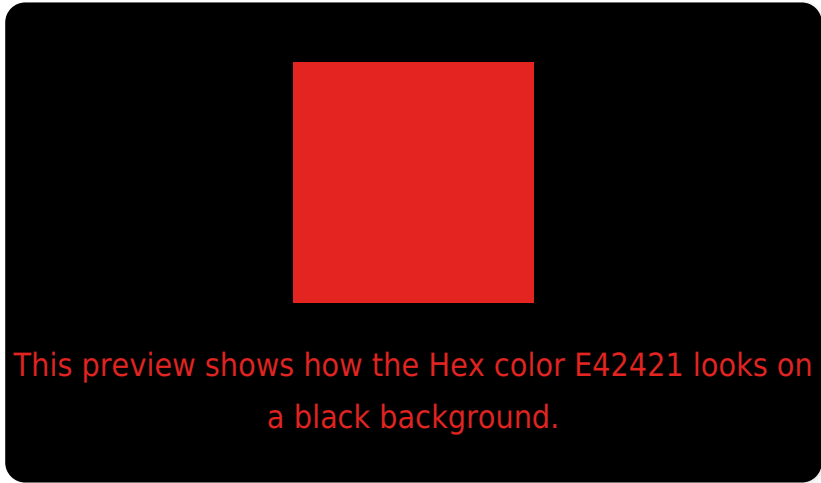
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 E42421 Background



This preview shows how black text looks on a background with the Hex color E42421.



This preview shows how white text looks on a background with the Hex color E42421.

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
E42421

Protanopia
837634

Deuteranopia
957000



Tritanopia
E42422

Trichromacy



Original Color
E42421

Protanomaly
A6582D

Deuteranomaly
B2540C

Tritanomaly
E42422

Monochromacy



Original Color
E42421

Achromatopsia
5D5D5D

Achromatomaly
8E4847

CSS Examples

Text

The CSS property to change the color of the text to Hex E42421 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 #E42421 looks like.

```
.text, #text, p{  
    color:#E42421  
}
```

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 #E42421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E42421
}
```

Border

The CSS property to change the border of an element to Hex E42421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

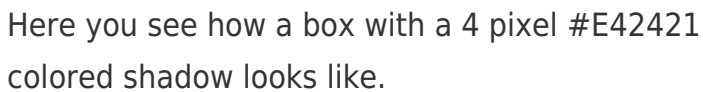
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E42421 }
```

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

```
.border{ border-color:#E42421 }
```

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



Here you see how a box with a 4 pixel #E42421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E42421; -webkit-box-shadow:4px 4px  
4px 4px #E42421; box-shadow:4px 4px 4px  
4px #E42421 }
```

Background

The CSS property to change the background color of an element to Hex E42421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E42421 }
```

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

```
.background{ background-color:#E42421 }
```

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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