

# Converting Colors

Hex(E15D21)

Have a look what the booklet for  
Hex(E15D21) contains.

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**Color**

**Hex(E15D21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E15D21
RGB	225, 93, 33
RGB Percent	88%, 36%, 13%
CMY	0.1176, 0.6353, 0.8706
CMYK	0.00, 0.59, 0.85, 0.12
HSL	19°, 76%, 51%
HSV	19°, 85%, 88%
XYZ	35.2402, 23.9461, 4.2035
YIQ	125.6280, 97.9320, 9.3240

# Conversions

## Conversions Part 2

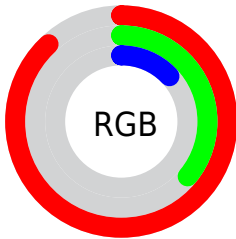
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 120, 33
Decimal	14769441
CIE Lab	56.03, 48.71, 56.60
CIE LCh	56, 74.675, 49.285
Yxy	23.9461, 0.5559, 0.3778
Android (android.graphics.Color)	4292959521 (0xFFE15D21)
YUV	125.6280, -45.6656, 87.1492
Hunter-Lab	48.9347, 42.9106, 29.1612

# Details

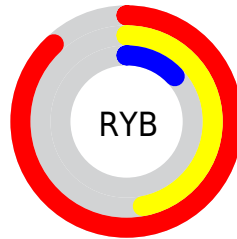
The Hex color **E15D21** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **21A5E1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9354**, and **A22600** is the 20% darker color. If you saturate the color by 10%, you get **E14E0A**, and if you desaturate by 10%, it is **E16C37**.

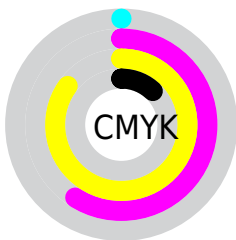
# Distribution



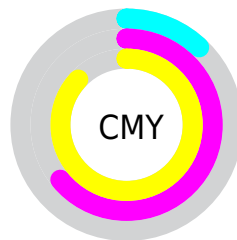
- Red (88%)
- Green (36%)
- Blue (13%)



- Red (88%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (85%)
- Black (12%)



- Cyan (12%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E15D21 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 E15D21 by changing the saturation by 10% instead.



 E15D21

 E15D21

FFFFFF

 C14202

 FF9354

 A22600

 FFAF6E

 830000

 FFCB88

 640000

 FFE8A3

 470000

 FFFFBF

 2C0001

 FFFFDB

 000000

 FFFFF8

 E15D21

 E15D21

 E14E0A

 E16C37

 E14600

 E17C4E

 E18B64

 E19B7B

 E1AA91

 E1BAA8

 E1C9BE

 E1D9D5

 E1E8EB

# Harmonies

## Analogous

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



F73D60



E15D21



B57B00

# Triad

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



E15D21



00A16C



457FFF

# Complementary

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



E15D21



21A5E1

# 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.



0095FF



E15D21



00A3B0

# Square

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



E15D21



129C27



00A0E8



BC5FDC

# Rectangle

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



E15D21



908A00



00A0E8



0088FF



# Sweetspot

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



E15D21



FFD1BD



E121A7



806458



000000



808080



# Same Dimension

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



E15D21



FF5000



E1BB21



706865



B03700



300F00

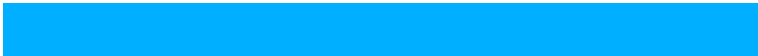


# Inverse Universe

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



21A5E1



00AFFF



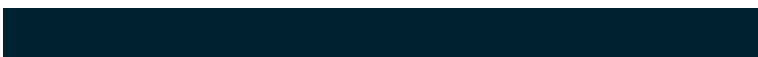
2147E1



656D70



0079B0



002130



# Previews

## White Background



This preview shows how the Hex color E15D21 looks on a white background.

## Color Contrast Check

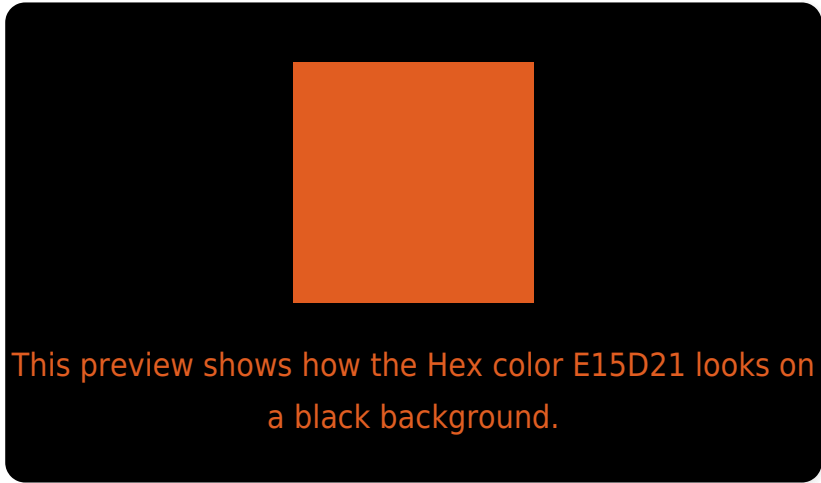
Large Text (above 18pt) WCAG AA ✓ Pass

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 E15D21 Background



This preview shows how black text looks on a background with the Hex color E15D21.

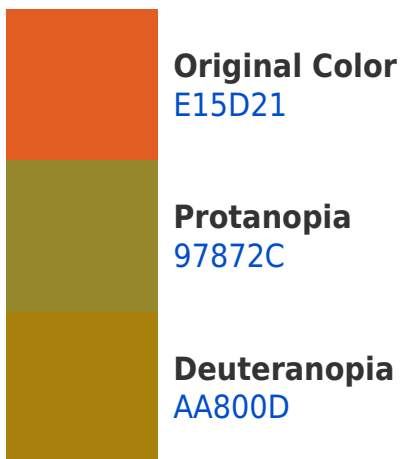


This preview shows how white text looks on a background with the Hex color E15D21.

# 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](#).

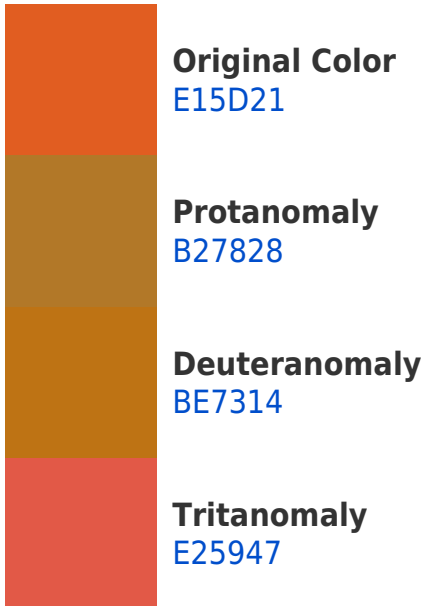
## Dichromacy





**Tritanopia**  
E3575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E15D21 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 #E15D21 looks like.

```
.text, #text, p{  
    color:#E15D21  
}
```

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 #E15D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E15D21  
}
```

## Border

The CSS property to change the border of an element to Hex E15D21 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  
#E15D21 }
```

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

```
.border{ border-color:#E15D21 }
```

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

Here you see how a box with a 4 pixel #E15D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E15D21; -webkit-box-shadow:4px 4px  
4px 4px #E15D21; box-shadow:4px 4px 4px  
4px #E15D21 }
```

# Background

The CSS property to change the background color of an element to Hex E15D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E15D21 }
```

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

```
.background{ background-color:#E15D21 }
```

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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