

Converting Colors

Hex(E65022)

Have a look what the booklet for
Hex(E65022) contains.

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Color

Hex(E65022)

Conversions

Conversions Part 1

Format	Color
Hex	E65022
RGB	230, 80, 34
RGB Percent	90%, 31%, 13%
CMY	0.0980, 0.6863, 0.8667
CMYK	0.00, 0.65, 0.85, 0.10
HSL	14°, 80%, 52%
HSV	14°, 85%, 90%
XYZ	35.7905, 22.6758, 4.0039
YIQ	119.6060, 104.1660, 17.4940

Conversions

Conversions Part 2

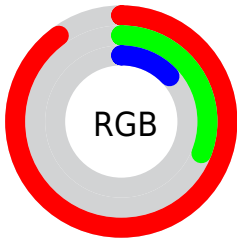
Format	Color
R_{YB}	230, 94, 34
Decimal	15093794
CIE _{Lab}	54.74, 56.16, 55.45
CIE _{LCh}	55, 78.924, 44.637
Yxy	22.6758, 0.5729, 0.3630
Android (android.graphics.Color)	4293283874 (0xFFE65022)
YUV	119.6060, -42.2038, 96.8155
Hunter-Lab	47.6191, 50.8271, 28.3482

Details

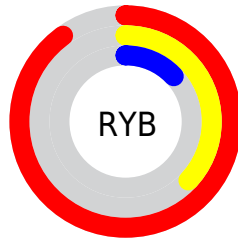
The Hex color **E65022** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **22B8E6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8854**, and **A60D00** is the 20% darker color. If you saturate the color by 10%, you get **E63E0B**, and if you desaturate by 10%, it is **E66239**.

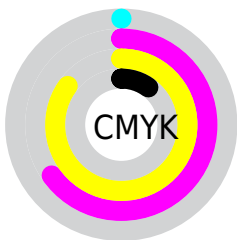
Distribution



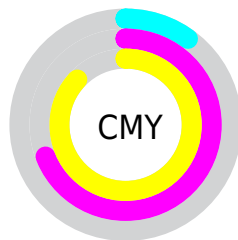
- Red (90%)
- Green (31%)
- Blue (13%)



- Red (90%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (85%)
- Black (10%)



- Cyan (10%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E65022 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 E65022 by changing the saturation by 10% instead.

 E65022

 E65022

FFFFFF

 C63305

 FF8854

 A60D00

 FFA46D

 860000

 FFC088

 670000

 FFDDA2

 4A0001

 FFFABE

 2D0001

 FFFFDA

 000000

 FFFFF7

 E65022

 E65022

 E63E0B

 E66239

 E63600

 E67350

 E68567

 E6967E

 E6A895

 E6BAAC

 E6CBC3

 E6DDDA

 E6EEF1

Harmonies

Analogous

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



F92A65



E65022



BB7300

Triad

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



E65022



009E5C



0080FF

Complementary

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



E65022



22B8E6

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



E65022



00A0A4

Square

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



E65022



209804



009EE2



AE5EE5

Rectangle

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



E65022



958400



009EE2



0089FF

Sweetspot

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



E65022



FFCCBD



E622B8



806158



000000



808080

Same Dimension

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



E65022



FF3C00



E6B222



736A67



B32A00



330C00

Inverse Universe

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



22B8E6



00C3FF



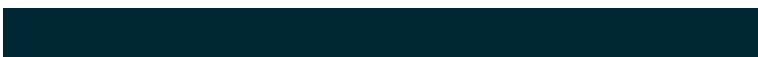
2256E6



677073



0089B3



002733

Previews

White Background



This preview shows how the Hex color E65022 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

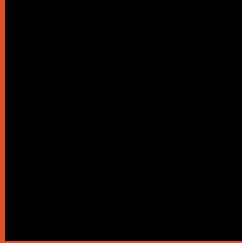
Any Text WCAG AA ✓ Pass

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 E65022 Background



This preview shows how black text looks on a background with the Hex color E65022.



This preview shows how white text looks on a background with the Hex color E65022.

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
E65022

Protanopia
93842F

Deuteranopia
A67D08



Tritanopia
E74B4F

Trichromacy



Original Color
E65022

Protanomaly
B1712A

Deuteranomaly
BD6D11

Tritanomaly
E74D3F

Monochromacy



Original Color
E65022

Achromatopsia
787878

Achromatomaly
A06959

CSS Examples

Text

The CSS property to change the color of the text to Hex E65022 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 #E65022 looks like.

```
.text, #text, p{  
    color:#E65022  
}
```

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 #E65022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65022  
}
```

Border

The CSS property to change the border of an element to Hex E65022 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  
#E65022 }
```

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

```
.border{ border-color:#E65022 }
```

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

Here you see how a box with a 4 pixel #E65022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65022; -webkit-box-shadow:4px 4px  
4px 4px #E65022; box-shadow:4px 4px 4px  
4px #E65022 }
```

Background

The CSS property to change the background color of an element to Hex E65022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65022 }
```

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

```
.background{ background-color:#E65022 }
```

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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