

Converting Colors

Hex(E65342)

Have a look what the booklet for
Hex(E65342) contains.

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Color

Hex(E65342)

Conversions

Conversions Part 1

Format	Color
Hex	E65342
RGB	230, 83, 66
RGB Percent	90%, 33%, 26%
CMY	0.0980, 0.6745, 0.7412
CMYK	0.00, 0.64, 0.71, 0.10
HSL	6°, 77%, 58%
HSV	6°, 71%, 90%
XYZ	36.7098, 23.4029, 7.7366
YIQ	125.0150, 93.0690, 25.8770

Conversions

Conversions Part 2

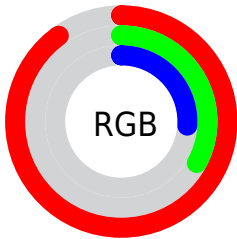
Format	Color
R_{YB}	230, 85, 66
Decimal	15094594
CIE _{Lab}	55.48, 56.00, 40.41
CIE _{LCh}	55, 69.060, 35.816
Yxy	23.4029, 0.5410, 0.3449
Android (android.graphics.Color)	4293284674 (0xFFE65342)
YUV	125.0150, -29.0944, 92.0718
Hunter-Lab	48.3765, 50.7931, 24.3816

Details

The Hex color **E65342** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42D5E6**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8B73**, and **A71315** is the 20% darker color. If you saturate the color by 10%, you get **E63E2B**, and if you desaturate by 10%, it is **E66859**.

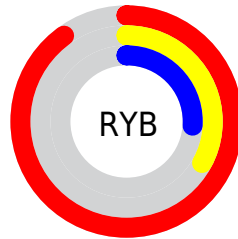
Distribution



Red (90%)

Green (33%)

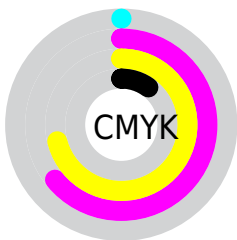
Blue (26%)



Red (90%)

Yellow (33%)

Blue (26%)

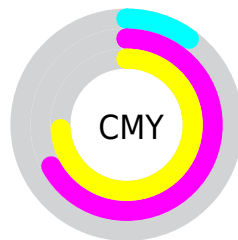


Cyan (0%)

Magenta (64%)

Yellow (71%)

Black (10%)



Cyan (10%)

Magenta (67%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E65342 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 E65342 by changing the saturation by 10% instead.

 E65342

 E65342

FFFFFF

 C6362B

 FF8B73

 A71315

 FFA78D

 880000

 FFC3A7

 6A0000

 FFE0C3

 4C0000

 FFFEDF

 2F0002

 FFFFFB

 000000

 E65342

 E65342

 E63E2B

 E66859

 E62A14

 E67C70

 E61800

 E69187

 E6A59E

 E6BAB5

 E6CFCC

 E6E3E3

 E6F8FA

 E6FFFF

Harmonies

Analogous

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



EE417C



E65342



C66F00

Triad

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



E65342



009D51



0089FD

Complementary

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



E65342



42D5E6

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.



0098F2



E65342



00A08F

Square

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



E65342



56950D



009FCA



936FE7

Rectangle

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



E65342



A77F00



009FCA



008FFD

Sweetspot

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



E65342



FFCFC9



E642D6



806360



000000



808080

Same Dimension

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



E65342



FF3A24



E6A442



736867



B31300



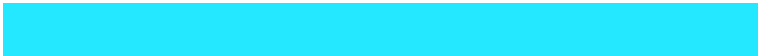
330500

Inverse Universe

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



42D5E6



24E8FF



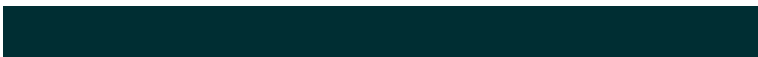
4284E6



677273



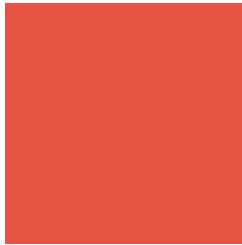
00A0B3



002E33

Previews

White Background



This preview shows how the Hex color E65342 looks on a white background.

Color Contrast Check

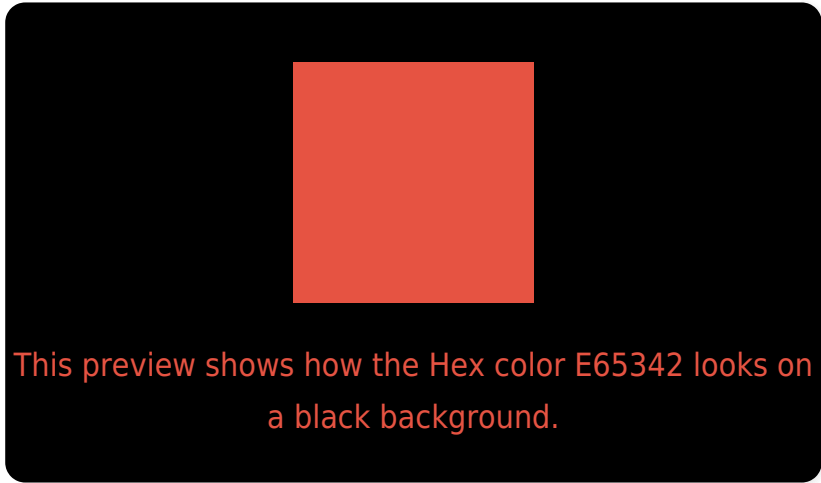
Large Text (above 18pt) WCAG AA ✓ Pass

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 E65342 Background



This preview shows how black text looks on a background with the Hex color E65342.



This preview shows how white text looks on a background with the Hex color E65342.

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
E65342

Protanopia
918553

Deuteranopia
A57F39



Tritanopia
E75055

Trichromacy



Original Color
E65342

Protanomaly
B0734D

Deuteranomaly
BD6F3C

Tritanomaly
E7514E

Monochromacy



Original Color
E65342

Achromatopsia
7D7D7D

Achromatomaly
A36E68

CSS Examples

Text

The CSS property to change the color of the text to Hex E65342 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 #E65342 looks like.

```
.text, #text, p{  
    color:#E65342  
}
```

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 #E65342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65342
}
```

Border

The CSS property to change the border of an element to Hex E65342 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
#E65342 }
```

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

```
.border{ border-color:#E65342 }
```

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

Here you see how a box with a 4 pixel #E65342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65342; -webkit-box-shadow:4px 4px  
4px 4px #E65342; box-shadow:4px 4px 4px  
4px #E65342 }
```

Background

The CSS property to change the background color of an element to Hex E65342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65342 }
```

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

```
.background{ background-color:#E65342 }
```

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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