

Converting Colors

Hex(E64219)

Have a look what the booklet for
Hex(E64219) contains.

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Color

Hex(E64219)

Conversions

Conversions Part 1

Format	Color
Hex	E64219
RGB	230, 66, 25
RGB Percent	90%, 26%, 10%
CMY	0.0980, 0.7412, 0.9020
CMYK	0.00, 0.71, 0.89, 0.10
HSL	12°, 80%, 50%
HSV	12°, 89%, 90%
XYZ	34.7568, 20.7896, 3.1006
YIQ	110.3620, 110.9050, 22.0170

Conversions

Conversions Part 2

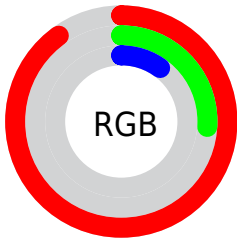
Format	Color
R_{YB}	230, 76, 25
Decimal	15090201
CIE Lab	52.72, 61.35, 57.41
CIE LCh	53, 84.019, 43.098
Yxy	20.7896, 0.5926, 0.3545
Android (android.graphics.Color)	4293280281 (0xFFE64219)
YUV	110.3620, -42.0835, 104.9225
Hunter-Lab	45.5956, 56.2753, 27.8851

Details

The Hex color **E64219** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **19BDE6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7C4B**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E63002**, and if you desaturate by 10%, it is **E65430**.

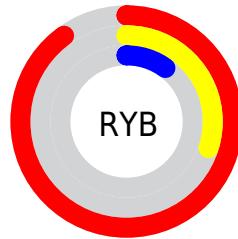
Distribution



Red (90%)

Green (26%)

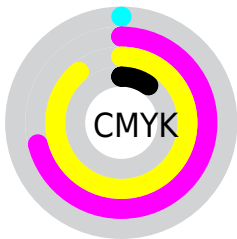
Blue (10%)



Red (90%)

Yellow (30%)

Blue (10%)

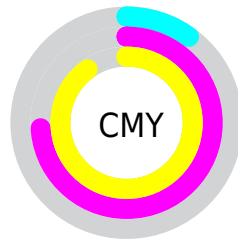


Cyan (0%)

Magenta (71%)

Yellow (89%)

Black (10%)



Cyan (10%)

Magenta (74%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64219 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 E64219 by changing the saturation by 10% instead.

 E64219

 E64219

FFFFFF

 C52000

 FF7C4B

 A50000

 FF9865

 850000

 FFB57F

 660000

 FFD299

 490002

 FFEFB5

 2B0001

 FFFFD1

 000000

 FFFFED

 E64219

 E64219

 E63002

 E65430

 E62E00

 E66747

 E6795E

 E68C75

 E69E8C

 E6B0A3

 E6C3BA

 E6D5D1

 E6E8E8

Harmonies

Analogous

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



F90062



E64219



BA6B00

Triad

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



E64219



009951



007DFF

Complementary

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



E64219



19BDE6

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.



0092FF



E64219



009C9D

Square

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



E64219



0B9300



009AE0



A558E9

Rectangle

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



E64219



927E00



009AE0



0085FF

Sweetspot

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



E64219



FFC8BA



E619BD



805F57



000000



808080

Same Dimension

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



E64219



FF3300



E6A819



736A67



B32400



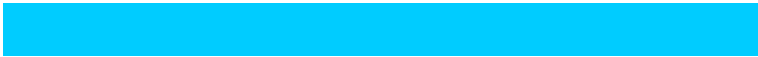
330A00

Inverse Universe

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



19BDE6



00CCFF



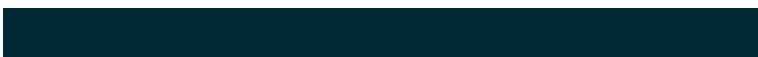
1956E6



677073



008FB3



002933

Previews

White Background



This preview shows how the Hex color E64219 looks on a white background.

Color Contrast Check

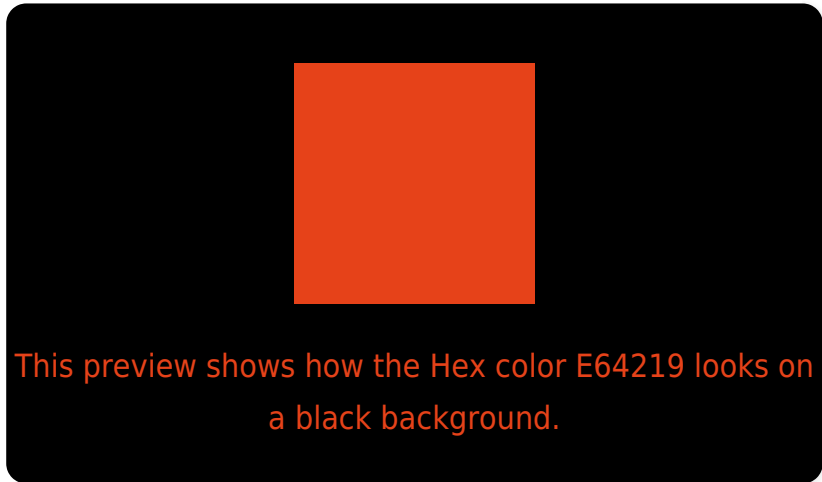
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64219 Background



This preview shows how black text looks on a background with the Hex color E64219.



This preview shows how white text looks on a background with the Hex color E64219.

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
E64219

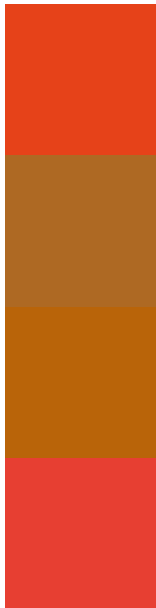
Protanopia
8E7F28

Deuteranopia
A07800



Tritanopia
E73E41

Trichromacy



Original Color
E64219

Protanomaly
AE6923

Deuteranomaly
B96409

Tritanomaly
E73F32

Monochromacy



Original Color
E64219

Achromatopsia
6E6E6E

Achromatomaly
9A5E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex E64219 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 #E64219 looks like.

```
.text, #text, p{  
    color:#E64219  
}
```

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 #E64219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64219
}
```

Border

The CSS property to change the border of an element to Hex E64219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

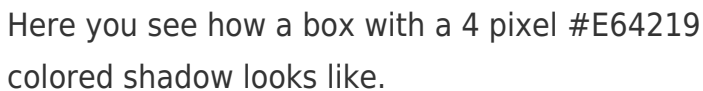
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E64219 }
```

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

```
.border{ border-color:#E64219 }
```

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



Here you see how a box with a 4 pixel #E64219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64219; -webkit-box-shadow:4px 4px  
4px 4px #E64219; box-shadow:4px 4px 4px  
4px #E64219 }
```

Background

The CSS property to change the background color of an element to Hex E64219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64219 }
```

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

```
.background{ background-color:#E64219 }
```

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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