

Converting Colors

Hex(E64220)

Have a look what the booklet for
Hex(E64220) contains.

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Color

Hex(E64220)

Conversions

Conversions Part 1

Format	Color
Hex	E64220
RGB	230, 66, 32
RGB Percent	90%, 26%, 13%
CMY	0.0980, 0.7412, 0.8745
CMYK	0.00, 0.71, 0.86, 0.10
HSL	10°, 80%, 51%
HSV	10°, 86%, 90%
XYZ	34.8421, 20.8237, 3.5495
YIQ	111.1600, 108.6580, 24.1940

Conversions

Conversions Part 2

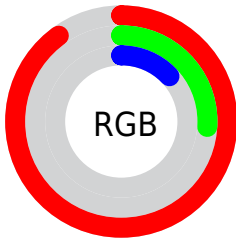
Format	Color
R_{YB}	230, 73, 32
Decimal	15090208
CIE _{Lab}	52.76, 61.48, 54.65
CIE _{LCh}	53, 82.262, 41.637
Yxy	20.8237, 0.5884, 0.3517
Android (android.graphics.Color)	4293280288 (0xFFE64220)
YUV	111.1600, -39.0259, 104.2227
Hunter-Lab	45.6330, 56.4319, 27.3313

Details

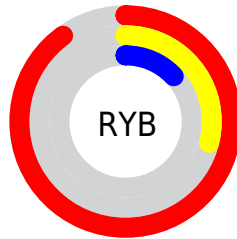
The Hex color **E64220** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20C4E6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7C51**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E62F09**, and if you desaturate by 10%, it is **E65537**.

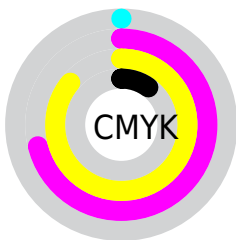
Distribution



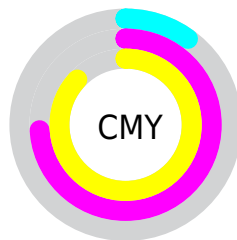
- Red (90%)
- Green (26%)
- Blue (13%)



- Red (90%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64220 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 E64220 by changing the saturation by 10% instead.

 E64220

 E64220

FFFFFF

 C62004

 FF7C51

 A60000

 FF986A

 860000

 FFB584

 660000

 FFD29F

 490002

 FFEFBB

 2B0001

 FFFFD7

 000000

 FFFFF3

 E64220

 E64220

 E62F09

 E65537

 E62700

 E6684E

 E67B65

 E68E7C

 E6A193

 E6B4AA

 E6C7C1

 E6DAD8

 E6EDEF

Harmonies

Analogous

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



F70766



E64220



BC6A00

Triad

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



E64220



00994E



007EFF

Complementary

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



E64220



20C4E6

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



E64220



009C99

Square

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



E64220



219200



009ADB



A05BE9

Rectangle

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



E64220



967D00



009ADB



0086FF

Sweetspot

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



E64220



FFC8BD



E620C5



805F58



000000



808080

Same Dimension

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



E64220



FF2C00



E6A420



736967



B31F00



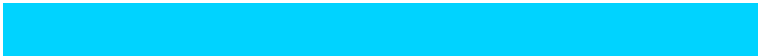
330900

Inverse Universe

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



20C4E6



00D3FF



2062E6



677173



0094B3



002A33

Previews

White Background



This preview shows how the Hex color E64220 looks on a white background.

Color Contrast Check

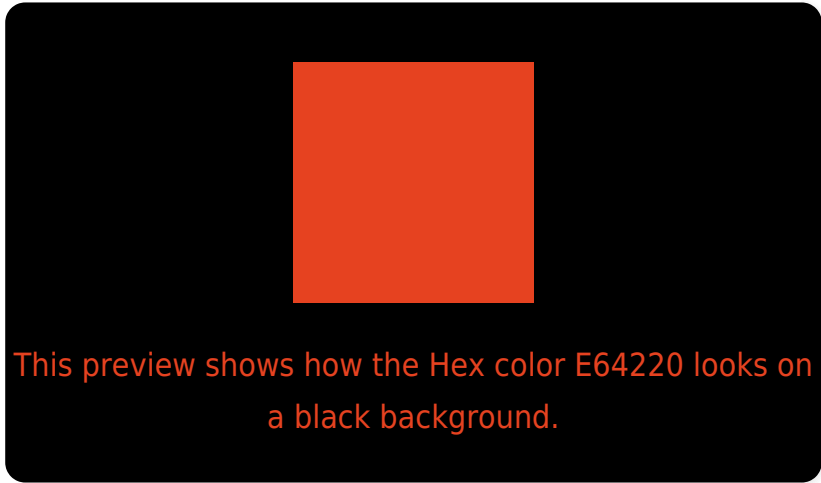
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64220 Background



This preview shows how black text looks on a background with the Hex color E64220.

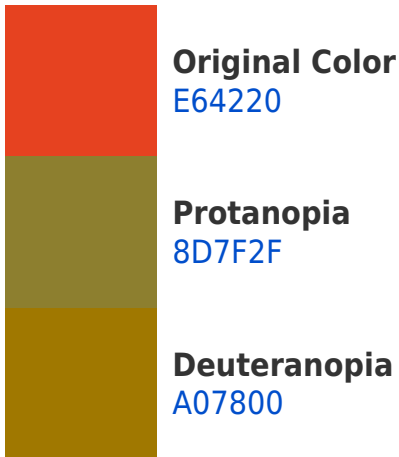


This preview shows how white text looks on a background with the Hex color E64220.

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](#).

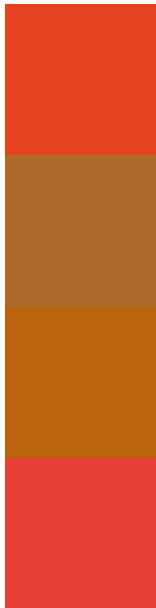
Dichromacy





Tritanopia
E73E41

Trichromacy



Original Color
E64220

Protanomaly
AD692A

Deuteranomaly
B9640C

Tritanomaly
E73F35

Monochromacy



Original Color
E64220

Achromatopsia
6F6F6F

Achromatomaly
9A5F52

CSS Examples

Text

The CSS property to change the color of the text to Hex E64220 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 #E64220 looks like.

```
.text, #text, p{  
    color:#E64220  
}
```

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 #E64220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64220
}
```

Border

The CSS property to change the border of an element to Hex E64220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

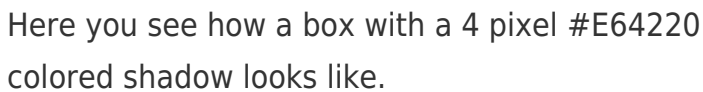
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E64220 }
```

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

```
.border{ border-color:#E64220 }
```

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



Here you see how a box with a 4 pixel #E64220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64220; -webkit-box-shadow:4px 4px  
4px 4px #E64220; box-shadow:4px 4px 4px  
4px #E64220 }
```

Background

The CSS property to change the background color of an element to Hex E64220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64220 }
```

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

```
.background{ background-color:#E64220 }
```

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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