

# Converting Colors

Hex(E24920)

Have a look what the booklet for  
Hex(E24920) contains.

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**Color**

**Hex(E24920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E24920
RGB	226, 73, 32
RGB Percent	89%, 29%, 13%
CMY	0.1137, 0.7137, 0.8745
CMYK	0.00, 0.68, 0.86, 0.11
HSL	13°, 77%, 51%
HSV	13°, 86%, 89%
XYZ	34.0073, 21.0381, 3.6349
YIQ	114.0730, 104.3490, 19.6850

# Conversions

## Conversions Part 2

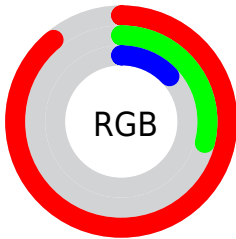
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 84, 32
Decimal	14829856
CIE <sub>Lab</sub>	52.99, 57.59, 54.55
CIE <sub>LCh</sub>	53, 79.322, 43.450
Yxy	21.0381, 0.5795, 0.3585
Android (android.graphics.Color)	4293019936 (0xFFE24920)
YUV	114.0730, -40.4620, 98.1600
Hunter-Lab	45.8673, 52.0769, 27.4085

# Details

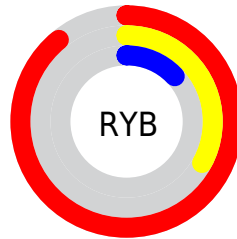
The Hex color **E24920** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20B9E2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8152**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E23709**, and if you desaturate by 10%, it is **E25B37**.

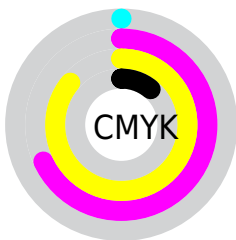
# Distribution



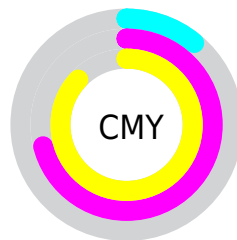
- Red (89%)
- Green (29%)
- Blue (13%)



- Red (89%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (86%)
- Black (11%)



- Cyan (11%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24920 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 E24920 by changing the saturation by 10% instead.



 E24920

 E24920

FFFFFF

 C22B04

 FF8152

 A20000

 FF9D6B

 820000

 FFBA85

 630000

 FFD7A0

 460002

 FFF4BB

 280001

 FFFFD7

 000000

 FFFFF4

 E24920

 E24920

 E23709

 E25B37

 E23000

 E26D4D

 E27E64

 E2907A

 E2A291

 E2B4A8

 E2C6BE

 E2D8D5

 E2E9EB

# Harmonies

## Analogous

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



F41E63



E24920



B86D00

# Triad

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



E24920



009955



007DFF

# Complementary

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



E24920



20B9E2

# 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.



0091FF



E24920



009C9C

# Square

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



E24920



1F9300



009ADC



A55BE3

# Rectangle

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



E24920



937E00



009ADC



0085FF



# Sweetspot

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



E24920



FFCBBB



E220BB



806058



000000



808080



# Same Dimension

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



E24920



FF3600



E2A820



706765



B02500



300A00

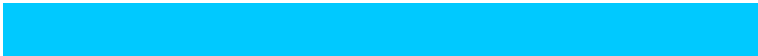


# Inverse Universe

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



20B9E2



00C9FF



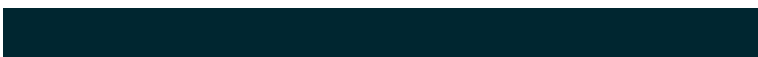
205AE2



656E70



008BB0



002630



# Previews

## White Background



This preview shows how the Hex color E24920 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 E24920 Background



This preview shows how black text looks on a background with the Hex color E24920.



This preview shows how white text looks on a background with the Hex color E24920.

# 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**  
E24920

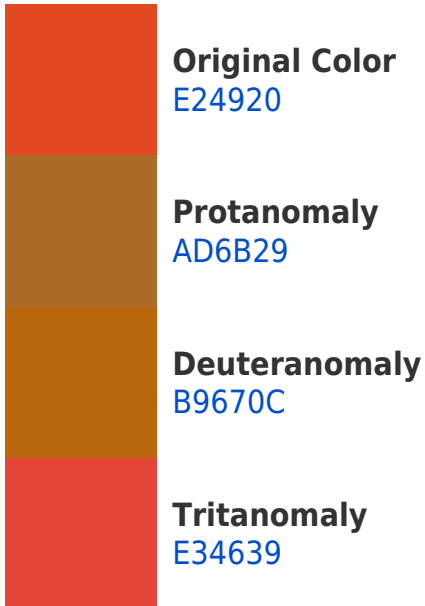
**Protanopia**  
8E7F2E

**Deuteranopia**  
A17800



**Tritanopia**  
E34548

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24920 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 #E24920 looks like.

```
.text, #text, p{  
    color:#E24920  
}
```

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 #E24920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24920
}
```

## Border

The CSS property to change the border of an element to Hex E24920 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
#E24920 }
```

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

```
.border{ border-color:#E24920 }
```

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

Here you see how a box with a 4 pixel #E24920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24920; -webkit-box-shadow:4px 4px  
4px 4px #E24920; box-shadow:4px 4px 4px  
4px #E24920 }
```

# Background

The CSS property to change the background color of an element to Hex E24920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24920 }
```

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

```
.background{ background-color:#E24920 }
```

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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