

Converting Colors

Hex(E24D23)

Have a look what the booklet for
Hex(E24D23) contains.

Hex(E24D23)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E24D23)

Conversions

Conversions Part 1

Format	Color
Hex	E24D23
RGB	226, 77, 35
RGB Percent	89%, 30%, 14%
CMY	0.1137, 0.6980, 0.8627
CMYK	0.00, 0.66, 0.85, 0.11
HSL	13°, 77%, 51%
HSV	13°, 85%, 89%
XYZ	34.3213, 21.5979, 3.9500
YIQ	116.7630, 102.2860, 18.5260

Conversions

Conversions Part 2

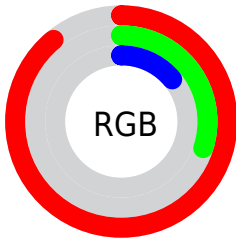
Format	Color
R_{YB}	226, 89, 35
Decimal	14830883
CIE _{Lab}	53.60, 56.06, 53.79
CIE _{LCh}	54, 77.692, 43.815
Yxy	21.5979, 0.5733, 0.3608
Android (android.graphics.Color)	4293020963 (0xFFE24D23)
YUV	116.7630, -40.3092, 95.8008
Hunter-Lab	46.4735, 50.4960, 27.4921

Details

The Hex color **E24D23** 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 **23B8E2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8554**, and **A20700** is the 20% darker color. If you saturate the color by 10%, you get **E23B0C**, and if you desaturate by 10%, it is **E25F3A**.

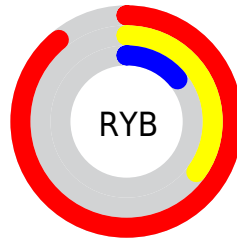
Distribution



Red (89%)

Green (30%)

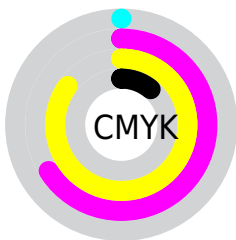
Blue (14%)



Red (89%)

Yellow (35%)

Blue (14%)

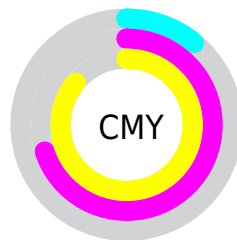


Cyan (0%)

Magenta (66%)

Yellow (85%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color E24D23 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 E24D23 by changing the saturation by 10% instead.

 E24D23

 E24D23

FFFFFF

 C23007

 FF8554

 A20700

 FFA16E

 830000

 FFBD88

 640000

 FFDA A3

 470001

 FFF7BE

 290001

 FFFFDA

 000000

 FFFFF7

 E24D23

 E24D23

 E23B0C

 E25F3A

 E23200

 E27050

 E28267

 E2947D

 E2A594

 E2B7AB

 E2C8C1

 E2DAD8

 E2ECEE

Harmonies

Analogous

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



F42864



E24D23



B87000

Triad

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



E24D23



009B58



007EFF

Complementary

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



E24D23



23B8E2

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



E24D23



009D9E

Square

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



E24D23



249400



009BDC



A75DE2

Rectangle

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



E24D23



948000



009BDC



0086FF

Sweetspot

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



E24D23



FFCDBF



E223B9



806259



000000



808080

Same Dimension

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



E24D23



FF3800



E2AC23



706765



B02700



300B00

Inverse Universe

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



23B8E2



00C7FF



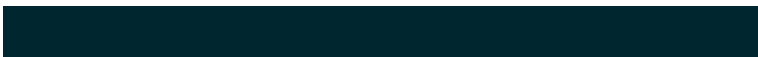
2359E2



656E70



0089B0



002630

Previews

White Background



This preview shows how the Hex color E24D23 looks on a white background.

Color Contrast Check

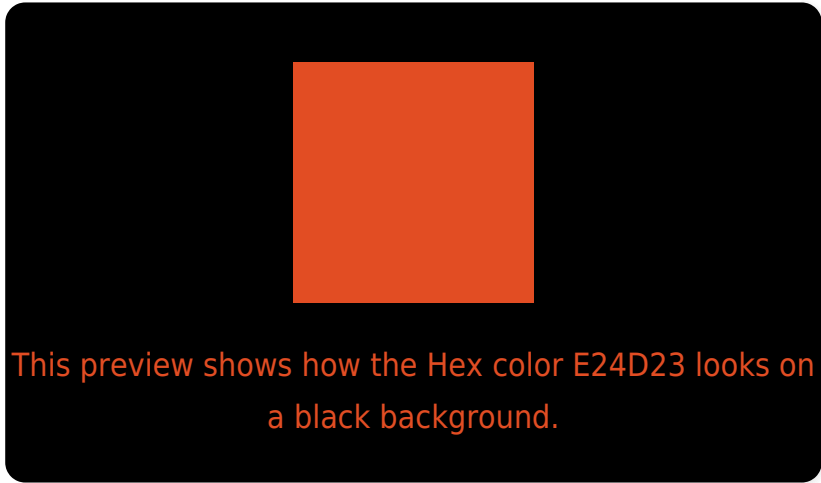
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24D23 Background



This preview shows how black text looks on a background with the Hex color E24D23.



This preview shows how white text looks on a background with the Hex color E24D23.

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
E24D23

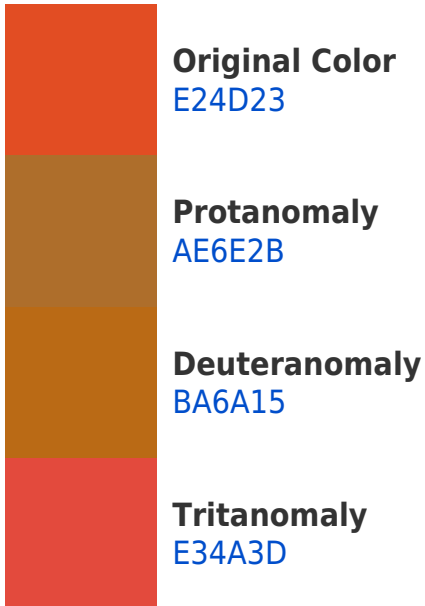
Protanopia
908130

Deuteranopia
A37A0D



Tritanopia
E3494C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E24D23 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 #E24D23 looks like.

```
.text, #text, p{  
    color:#E24D23  
}
```

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 #E24D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24D23 }  
}
```

Border

The CSS property to change the border of an element to Hex E24D23 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 #E24D23 }  
}
```

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

```
.border{ border-color:#E24D23 }
```

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

Here you see how a box with a 4 pixel #E24D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24D23; -webkit-box-shadow:4px 4px  
4px 4px #E24D23; box-shadow:4px 4px 4px  
4px #E24D23 }
```

Background

The CSS property to change the background color of an element to Hex E24D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24D23 }
```

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

```
.background{ background-color:#E24D23 }
```

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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