

Converting Colors

Hex(DD4E30)

Have a look what the booklet for
Hex(DD4E30) contains.

Hex(DD4E30)	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(DD4E30)

Conversions

Conversions Part 1

Format	Color
Hex	DD4E30
RGB	221, 78, 48
RGB Percent	87%, 31%, 19%
CMY	0.1333, 0.6941, 0.8118
CMYK	0.00, 0.65, 0.78, 0.13
HSL	10°, 72%, 53%
HSV	10°, 78%, 87%
XYZ	33.0767, 21.0343, 5.1130
YIQ	117.3370, 94.8580, 20.9860

Conversions

Conversions Part 2

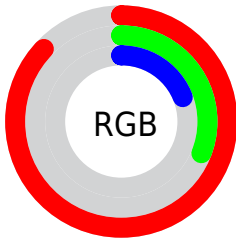
Format	Color
R_{YB}	221, 84, 48
Decimal	14503472
CIE Lab	52.99, 54.34, 46.79
CIE LCh	53, 71.704, 40.731
Yxy	21.0343, 0.5585, 0.3552
Android (android.graphics.Color)	4292693552 (0xFFDD4E30)
YUV	117.3370, -34.1831, 90.9125
Hunter-Lab	45.8632, 48.4742, 25.4944

Details

The Hex color **DD4E30** 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 **30BFDD**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8560**, and **9E0C00** is the 20% darker color. If you saturate the color by 10%, you get **DD3C1A**, and if you desaturate by 10%, it is **DD6046**.

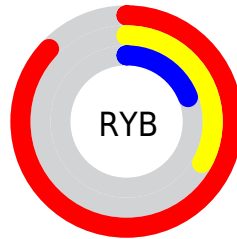
Distribution



Red (87%)

Green (31%)

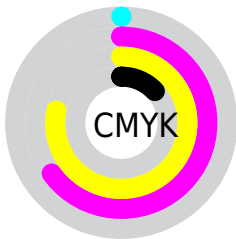
Blue (19%)



Red (87%)

Yellow (33%)

Blue (19%)

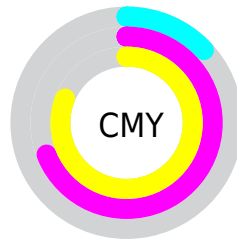


Cyan (0%)

Magenta (65%)

Yellow (78%)

Black (13%)



Cyan (13%)

Magenta (69%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD4E30 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 DD4E30 by changing the saturation by 10% instead.

 DD4E30

 DD4E30

FFFFFF

 BD3119

 FF8560

 9E0C00

 FFA17A

 7F0000

 FFBD94

 600000

 FFDAAF

 440001

 FFF8CB

 260001

 FFFFE7

 000000

 DD4E30

 DD4E30

 DD3C1A

 DD6046

 DD2904

 DD735C

 DD2600

 DD8572

 DD9788

 DDA99E

 DDBC B5

 DDCECB

 DDE0E1

 DDF2F7

Harmonies

Analogous

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



EA346B



DD4E30



B96D00

Triad

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



DD4E30



009753



007FF9

Complementary

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



DD4E30



30BFDD

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.



0090F4



DD4E30



009A94

Square

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



DD4E30



3D9008



0098CE



9B63DD

Rectangle

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



DD4E30



977C00



0098CE



0086FB

Sweetspot

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



DD4E30



FFCFC4



DD30C0



80625C



000000



808080

Same Dimension

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



DD4E30



FF390F



DDA330



6E6563



AD1E00



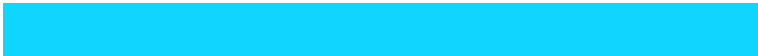
2E0800

Inverse Universe

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



30BFDD



0FD5FF



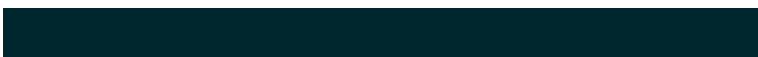
306ADD



636C6E



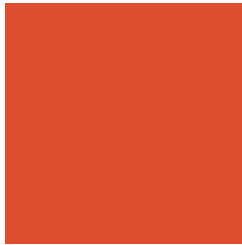
008FAD



00262E

Previews

White Background



This preview shows how the Hex color DD4E30 looks on a white background.

Color Contrast Check

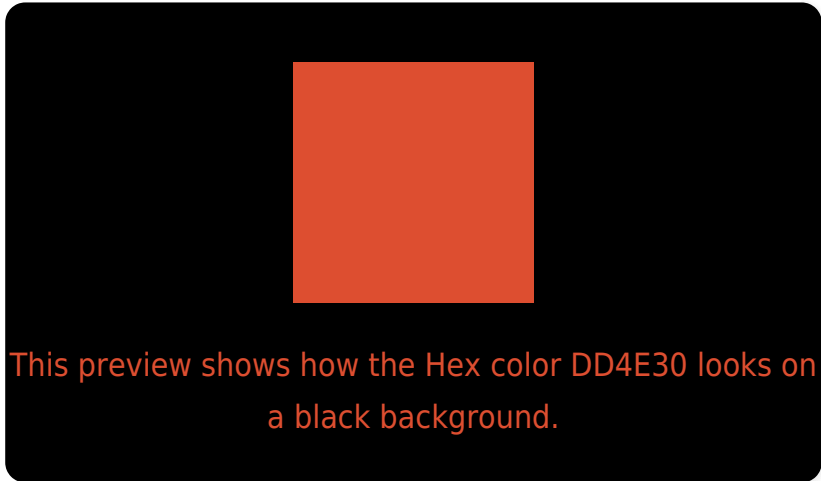
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4E30 Background



This preview shows how black text looks on a background with the Hex color DD4E30.



This preview shows how white text looks on a background with the Hex color DD4E30.

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

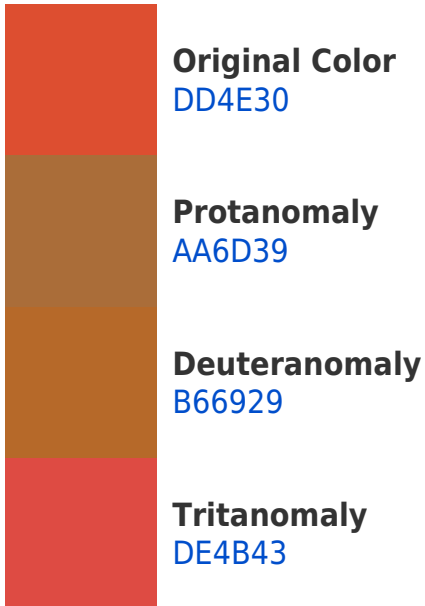


Original Color
DD4E30

Protanopia
8D7F3E

Deuteranopia
9F7925

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD4E30 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 #DD4E30 looks like.

```
.text, #text, p{  
    color:#DD4E30  
}
```

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 #DD4E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4E30
}
```

Border

The CSS property to change the border of an element to Hex DD4E30 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".

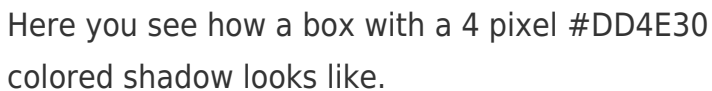
```
.border, #border, table{ border:4px solid
#DD4E30 }
```

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

```
.border{ border-color:#DD4E30 }
```

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

Here you see how a box with a 4 pixel #DD4E30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4E30; -webkit-box-shadow:4px 4px  
4px 4px #DD4E30; box-shadow:4px 4px 4px  
4px #DD4E30 }
```

Background

The CSS property to change the background color of an element to Hex DD4E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4E30 }
```

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

```
.background{ background-color:#DD4E30 }
```

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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