

Converting Colors

Hex(D83120)

Have a look what the booklet for
Hex(D83120) contains.

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Color

Hex(D83120)

Conversions

Conversions Part 1

Format	Color
Hex	D83120
RGB	216, 49, 32
RGB Percent	85%, 19%, 13%
CMY	0.1529, 0.8078, 0.8745
CMYK	0.00, 0.77, 0.85, 0.15
HSL	6°, 74%, 49%
HSV	6°, 85%, 85%
XYZ	29.6779, 16.8998, 3.0643
YIQ	96.9950, 104.9890, 30.1170

Conversions

Conversions Part 2

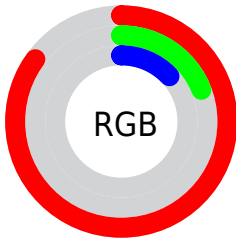
Format	Color
RYB	216, 51, 32
Decimal	14168352
CIELab	48.13, 62.77, 49.74
CIElCh	48, 80.090, 38.393
Yxy	16.8998, 0.5978, 0.3404
Android (android.graphics.Color)	4292358432 (0xFFD83120)
YUV	96.9950, -32.0425, 104.3674
Hunter-Lab	41.1094, 56.9222, 24.3571

Details

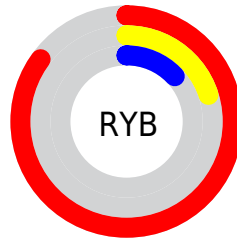
The Hex color **D83120** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20C7D8**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6D50**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D81D0A**, and if you desaturate by 10%, it is **D84536**.

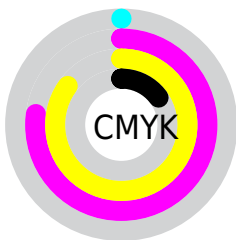
Distribution



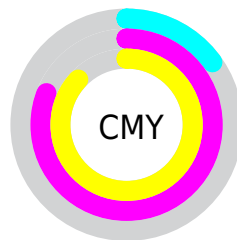
- Red (85%)
- Green (19%)
- Blue (13%)



- Red (85%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (85%)
- Black (15%)



- Cyan (15%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83120 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 D83120 by changing the saturation by 10% instead.

 D83120

 D83120

FFFFFF

 B80007

 FF6D50

 980000

 FF8A68

 780000

 FFA682

 590000

 FFC39D

 3D0003

 FFE1B8

 180001

 FFFED4

 000000

 FFFFF0

 D83120

 D83120

 D81D0A

 D84536

 D81400

 D8584B

 D86C61

 D87F76

 D8938C

 D8A7A2

 D8BAB7

 D8CECD

 D8E1E2

Harmonies

Analogous

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



E50063



D83120



B25C00

Triad

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



D83120



008B3C



0075FA

Complementary

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



D83120



20C7D8

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.



0087F1



D83120



008E84

Square

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



D83120



278400



008DC6



8755DE

Rectangle

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



D83120



8E6F00



008DC6



007DFC

Sweetspot

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



D83120



FFC3BD



D820C9



805C58



000000



808080

Same Dimension

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



D83120



FF1800



D88B20



6B6160



AB1000



2B0400

Inverse Universe

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



20C7D8



00E7FF



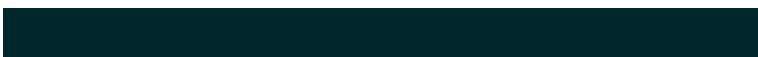
206DD8



606A6B



009BAB



00272B

Previews

White Background



This preview shows how the Hex color D83120 looks on a white background.

Color Contrast Check

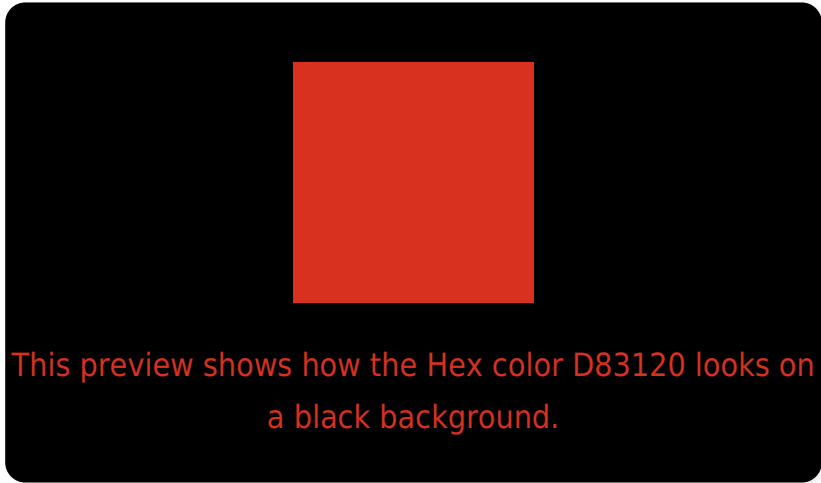
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D83120 Background



This preview shows how black text looks on a background with the Hex color D83120.



This preview shows how white text looks on a background with the Hex color D83120.

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
D83120

Protanopia
807330

Deuteranopia
916D00



Tritanopia
D82F30

Trichromacy



Original Color
D83120

Protanomaly
A05B2A

Deuteranomaly
AB570C

Tritanomaly
D8302A

Monochromacy



Original Color
D83120

Achromatopsia
616161

Achromatomaly
8C5049

CSS Examples

Text

The CSS property to change the color of the text to Hex D83120 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 #D83120 looks like.

```
.text, #text, p{  
    color:#D83120  
}
```

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 #D83120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83120
}
```

Border

The CSS property to change the border of an element to Hex D83120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

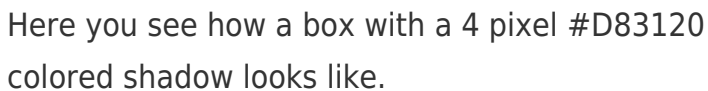
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83120 }
```

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

```
.border{ border-color:#D83120 }
```

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



Here you see how a box with a 4 pixel #D83120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83120; -webkit-box-shadow:4px 4px  
4px 4px #D83120; box-shadow:4px 4px 4px  
4px #D83120 }
```

Background

The CSS property to change the background color of an element to Hex D83120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83120 }
```

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

```
.background{ background-color:#D83120 }
```

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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