

Converting Colors

Hex(8D3D15)

Have a look what the booklet for
Hex(8D3D15) contains.

Hex(8D3D15)	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(8D3D15)

Conversions

Conversions Part 1

Format	Color
Hex	8D3D15
RGB	141, 61, 21
RGB Percent	55%, 24%, 8%
CMY	0.4471, 0.7608, 0.9176
CMYK	0.00, 0.57, 0.85, 0.45
HSL	20°, 74%, 32%
HSV	20°, 85%, 55%
XYZ	12.7886, 9.0544, 1.7831
YIQ	80.3600, 60.5200, 4.5200

Conversions

Conversions Part 2

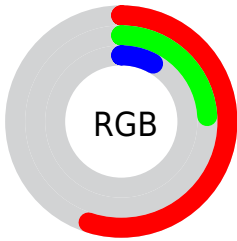
Format	Color
RYB	141, 81, 21
Decimal	9256213
CIELab	36.09, 31.69, 39.02
CIELCh	36, 50.267, 50.917
Yxy	9.0544, 0.5413, 0.3832
Android (android.graphics.Color)	4287446293 (0xFF8D3D15)
YUV	80.3600, -29.2645, 53.1813
Hunter-Lab	30.0904, 23.2052, 17.5499

Details

The Hex color **8D3D15** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15658D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C86F44**, and **540B00** is the 20% darker color. If you saturate the color by 10%, you get **8D3407**, and if you desaturate by 10%, it is **8D4623**.

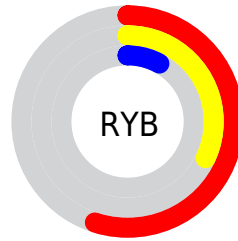
Distribution



Red (55%)

Green (24%)

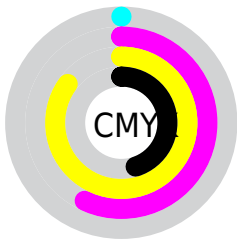
Blue (8%)



Red (55%)

Yellow (32%)

Blue (8%)

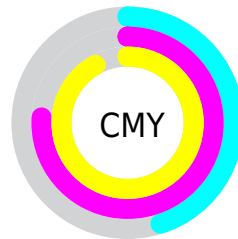


Cyan (0%)

Magenta (57%)

Yellow (85%)

Black (45%)



Cyan (45%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D3D15 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 8D3D15 by changing the saturation by 10% instead.

 8D3D15

 8D3D15

FFFFFFE

 702500

 C86F44

 540B00

 E6895C

 380000

 FFA375

 1C0001

 FFBF8F

 000000

 FFDBAA

 FFF8C5

 FFFFE2

 8D3D15

 8D3D15

■ 8D3407

■ 8D4623

■ 8D2F00

■ 8D5031

■ 8D593F

■ 8D634D

■ 8D6C5C

■ 8D756A

■ 8D7F78

■ 8D8886

■ 8D9294

Harmonies

Analogous

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



9B2B3B



8D3D15



714F00

Triad

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



8D3D15



006647



3750A1

Complementary

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



8D3D15



15658D

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.



005DA5



8D3D15



006771

Square

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



8D3D15



0F631D



006593



793C88

Rectangle

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



8D3D15



5A5800



006593



0055A5

Sweetspot

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



8D3D15



B89888



8D1565



5C493F



DBDBDB



5C5C5C

Same Dimension

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



8D3D15



B83D00



8D7915



474340



872D00



080300

Inverse Universe

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



15658D



007AB8



15298D



404547



005A87



000508

Previews

White Background



This preview shows how the Hex color 8D3D15 looks on a white background.

Color Contrast Check

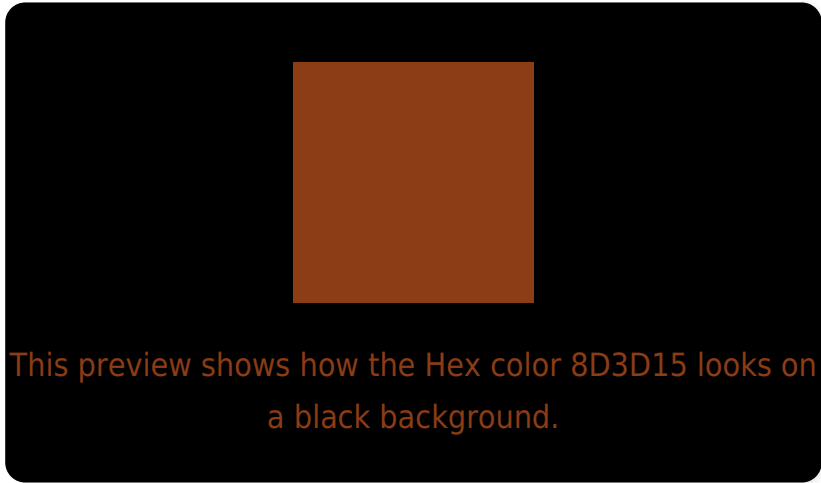
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

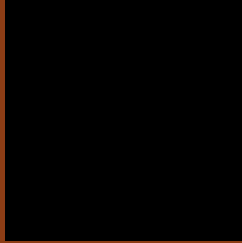
Any Text WCAG AA × Fail

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 8D3D15 Background



This preview shows how black text looks on a background with the Hex color 8D3D15.



This preview shows how white text looks on a background with the Hex color 8D3D15.

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
8D3D15

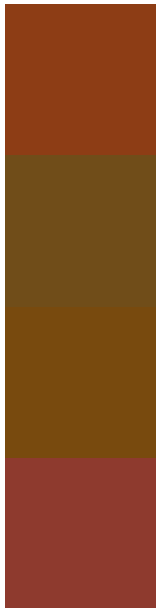
Protanopia
60561B

Deuteranopia
6C510A



Tritanopia
8E393D

Trichromacy



Original Color
8D3D15

Protanomaly
704D19

Deuteranomaly
784A0E

Tritanomaly
8E3A2E

Monochromacy



Original Color
8D3D15

Achromatopsia
505050

Achromatomaly
66493B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D3D15 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 #8D3D15 looks like.

```
.text, #text, p{  
    color:#8D3D15  
}
```

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 #8D3D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D3D15
}
```

Border

The CSS property to change the border of an element to Hex 8D3D15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

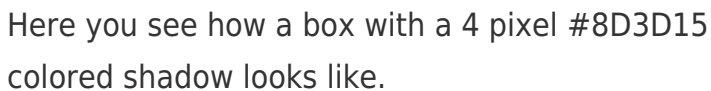
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D3D15 }
```

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

```
.border{ border-color:#8D3D15 }
```

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



Here you see how a box with a 4 pixel #8D3D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D3D15; -webkit-box-shadow:4px 4px  
4px 4px #8D3D15; box-shadow:4px 4px 4px  
4px #8D3D15 }
```

Background

The CSS property to change the background color of an element to Hex 8D3D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D3D15 }
```

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

```
.background{ background-color:#8D3D15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor