

Converting Colors

Hex(D85B13)

Have a look what the booklet for
Hex(D85B13) contains.

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Color

Hex(D85B13)

Conversions

Conversions Part 1

Format	Color
Hex	D85B13
RGB	216, 91, 19
RGB Percent	85%, 36%, 7%
CMY	0.1529, 0.6431, 0.9255
CMYK	0.00, 0.58, 0.91, 0.15
HSL	22°, 84%, 46%
HSV	22°, 91%, 85%
XYZ	32.1775, 22.1281, 3.1913
YIQ	120.1670, 97.6120, 4.1080

Conversions

Conversions Part 2

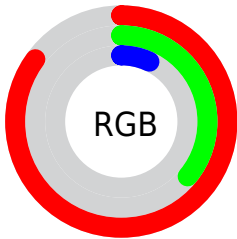
Format	Color
R_{YB}	216, 132, 19
Decimal	14179091
CIE _{Lab}	54.16, 46.05, 59.31
CIE _{LCh}	54, 75.087, 52.170
Yxy	22.1281, 0.5596, 0.3849
Android (android.graphics.Color)	4292369171 (0xFFD85B13)
YUV	120.1670, -49.8753, 84.0455
Hunter-Lab	47.0405, 39.7799, 28.9060

Details

The Hex color **D85B13** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1390D8**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF9049**, and **992500** is the 20% darker color. If you saturate the color by 10%, you get **D84F00**, and if you desaturate by 10%, it is **D86929**.

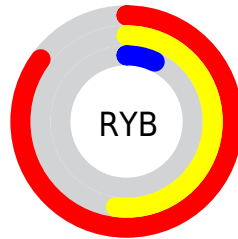
Distribution



Red (85%)

Green (36%)

Blue (7%)



Red (85%)

Yellow (52%)

Blue (7%)

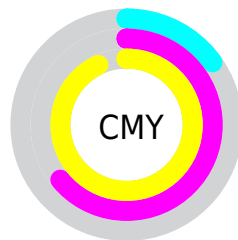


Cyan (0%)

Magenta (58%)

Yellow (91%)

Black (15%)



Cyan (15%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D85B13 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 D85B13 by changing the saturation by 10% instead.

 D85B13

 D85B13

FFFFFF

 B84100

 FF9049

 992500

 FFAC63

 7A0100

 FFC87D

 5C0000

 FFE598

 400000

 FFFFB4

 230001

 FFFFD0

 000000

 FFFFEC

 D85B13

 D85B13

 D84F00

 D86929

 D8763E

 D88454

 D89269

 D8A07F

 D8AD95

 D8BBAA

 D8C9C0

 D8D6D5

Harmonies

Analogous

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



F03955



D85B13



AB7900

Triad

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



D85B13



009D6E



5178FB

Complementary

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



D85B13



1390D8

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.



008FFF



D85B13



009EB1

Square

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



D85B13



009728



009AE8



BD56D2

Rectangle

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



D85B13



848700



009AE8



0081FF

Sweetspot

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



D85B13



FFD3BA



D81393



806657



000000



808080

Same Dimension

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



D85B13



FF5D00



D8BA13



6B6460



AB3E00



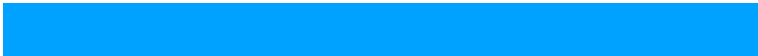
2B1000

Inverse Universe

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



1390D8



00A2FF



1331D8



60676B



006CAB



001C2B

Previews

White Background



This preview shows how the Hex color D85B13 looks on a white background.

Color Contrast Check

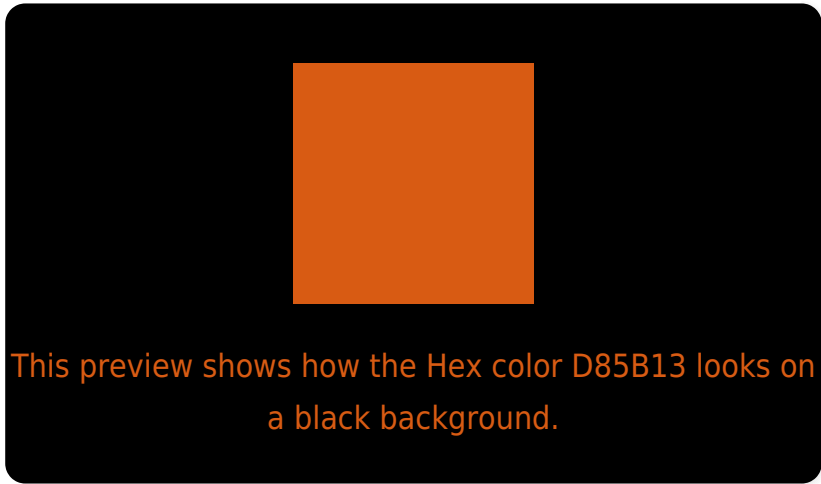
Large Text (above 18pt) WCAG AA ✓ Pass

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 D85B13 Background



This preview shows how black text looks on a background with the Hex color D85B13.



This preview shows how white text looks on a background with the Hex color D85B13.

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

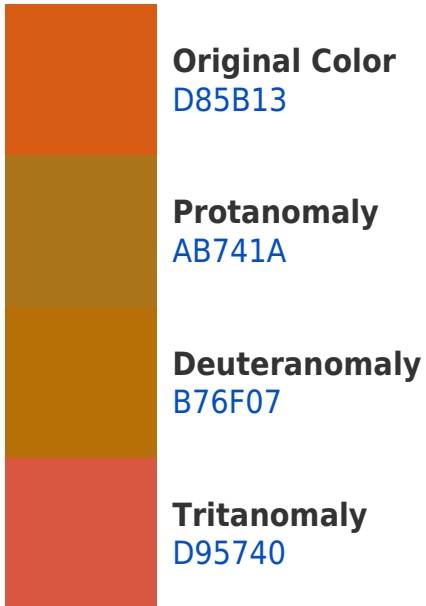


Original Color
D85B13

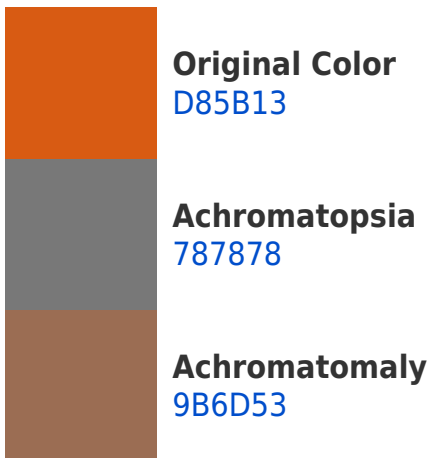
Protanopia
92821E

Deuteranopia
A47B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D85B13 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 #D85B13 looks like.

```
.text, #text, p{  
    color:#D85B13  
}
```

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 #D85B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D85B13
}
```

Border

The CSS property to change the border of an element to Hex D85B13 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
#D85B13 }
```

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

```
.border{ border-color:#D85B13 }
```

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

Here you see how a box with a 4 pixel #D85B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D85B13; -webkit-box-shadow:4px 4px  
4px 4px #D85B13; box-shadow:4px 4px 4px  
4px #D85B13 }
```

Background

The CSS property to change the background color of an element to Hex D85B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D85B13 }
```

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

```
.background{ background-color:#D85B13 }
```

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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