

Converting Colors

Hex(D73E15)

Have a look what the booklet for
Hex(D73E15) contains.

Hex(D73E15)	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(D73E15)

Conversions

Conversions Part 1

Format	Color
Hex	D73E15
RGB	215, 62, 21
RGB Percent	84%, 24%, 8%
CMY	0.1569, 0.7569, 0.9176
CMYK	0.00, 0.71, 0.90, 0.16
HSL	13°, 82%, 46%
HSV	13°, 90%, 84%
XYZ	29.8823, 17.9465, 2.5985
YIQ	103.0730, 104.3490, 19.6850

Conversions

Conversions Part 2

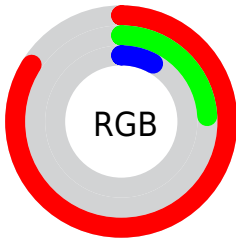
Format	Color
R_{YB}	215, 73, 21
Decimal	14106133
CIE Lab	49.43, 57.96, 55.23
CIE LCh	49, 80.058, 43.621
Yxy	17.9465, 0.5926, 0.3559
Android (android.graphics.Color)	4292296213 (0xFFD73E15)
YUV	103.0730, -40.4620, 98.1600
Hunter-Lab	42.3633, 51.7751, 26.0175

Details

The Hex color **D73E15** 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 **15AED7**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7747**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D72D00**, and if you desaturate by 10%, it is **D74F2B**.

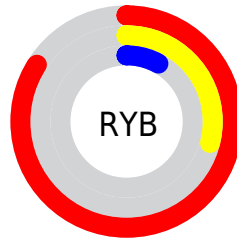
Distribution



Red (84%)

Green (24%)

Blue (8%)



Red (84%)

Yellow (29%)

Blue (8%)

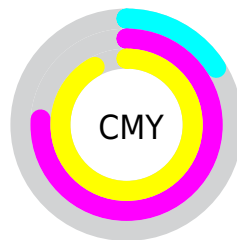


Cyan (0%)

Magenta (71%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D73E15 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 D73E15 by changing the saturation by 10% instead.

 D73E15

 D73E15

FFFFFF

 B71D00

 FF7747

 970000

 FF9360

 780000

 FFAF7A

 590000

 FFCC95

 3E0003

 FFE9B0

 190001

 FFFFCC

 000000

 FFFF8

 D73E15

 D73E15

 D72D00

 D74F2B

 D76040

 D77156

 D7826B

 D79381

 D7A496

 D7B5AC

 D7C6C1

 D7D7D7

Harmonies

Analogous

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



E9005A



D73E15



AD6400

Triad

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



D73E15



00904C



0074FC

Complementary

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



D73E15



15AED7

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.



0088FA



D73E15



009294

Square

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



D73E15



018900



0090D3



9C51D9

Rectangle

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



D73E15



887600



0090D3



007CFF

Sweetspot

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



D73E15



FFC9BA



D715B0



805F57



000000



808080

Same Dimension

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



D73E15



FF3600



D79D15



6B6360



AB2400



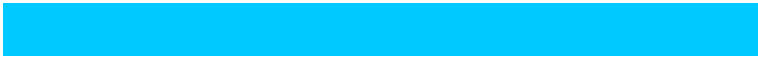
2B0900

Inverse Universe

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



15AED7



00C9FF



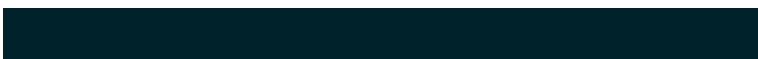
154FD7



60696B



0087AB



00222B

Previews

White Background



This preview shows how the Hex color D73E15 looks on a white background.

Color Contrast Check

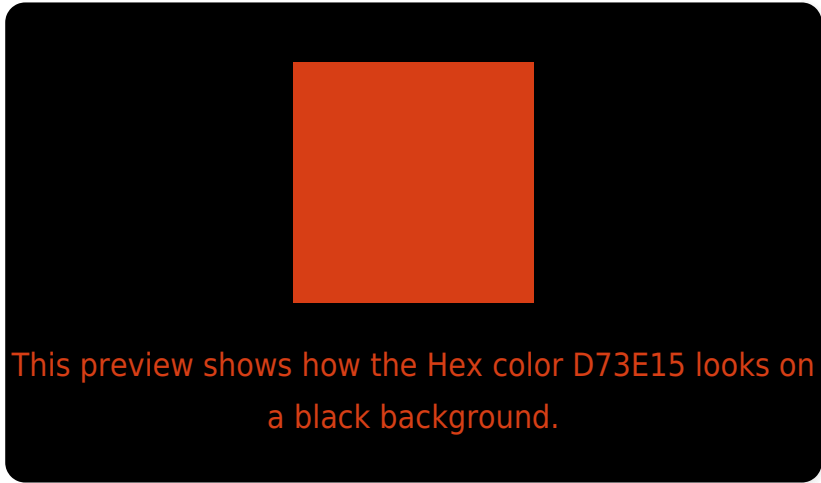
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D73E15 Background



This preview shows how black text looks on a background with the Hex color D73E15.



This preview shows how white text looks on a background with the Hex color D73E15.

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
D73E15

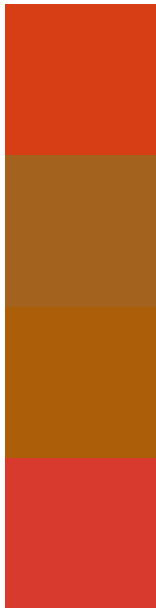
Protanopia
857623

Deuteranopia
957000



Tritanopia
D83A3D

Trichromacy



Original Color
D73E15

Protanomaly
A3621E

Deuteranomaly
AD5E08

Tritanomaly
D83B2E

Monochromacy



Original Color
D73E15

Achromatopsia
676767

Achromatomaly
905849

CSS Examples

Text

The CSS property to change the color of the text to Hex D73E15 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 #D73E15 looks like.

```
.text, #text, p{  
  color:#D73E15  
}
```

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 #D73E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D73E15
}
```

Border

The CSS property to change the border of an element to Hex D73E15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

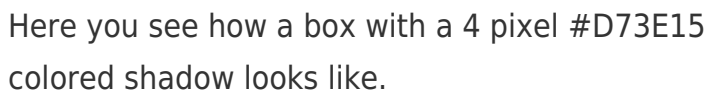
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D73E15 }
```

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

```
.border{ border-color:#D73E15 }
```

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



Here you see how a box with a 4 pixel #D73E15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D73E15; -webkit-box-shadow:4px 4px  
4px 4px #D73E15; box-shadow:4px 4px 4px  
4px #D73E15 }
```

Background

The CSS property to change the background color of an element to Hex D73E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D73E15 }
```

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

```
.background{ background-color:#D73E15 }
```

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