

Converting Colors

Hex(D53D14)

Have a look what the booklet for
Hex(D53D14) contains.

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Color

Hex(D53D14)

Conversions

Conversions Part 1

Format	Color
Hex	D53D14
RGB	213, 61, 20
RGB Percent	84%, 24%, 8%
CMY	0.1647, 0.7608, 0.9216
CMYK	0.00, 0.71, 0.91, 0.16
HSL	13°, 83%, 46%
HSV	13°, 91%, 84%
XYZ	29.2356, 17.5341, 2.5054
YIQ	101.7740, 103.7530, 19.4730

Conversions

Conversions Part 2

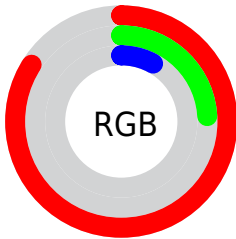
Format	Color
R_{YB}	213, 72, 20
Decimal	13974804
CIE Lab	48.93, 57.66, 55.06
CIE LCh	49, 79.725, 43.676
Yxy	17.5341, 0.5933, 0.3558
Android (android.graphics.Color)	4292164884 (0xFFD53D14)
YUV	101.7740, -40.3146, 97.5452
Hunter-Lab	41.8738, 51.3467, 25.7642

Details

The Hex color **D53D14** 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 **14ACD5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF7646**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D52D00**, and if you desaturate by 10%, it is **D54E29**.

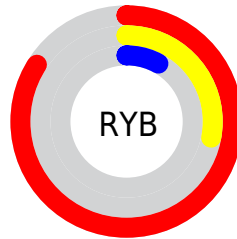
Distribution



Red (84%)

Green (24%)

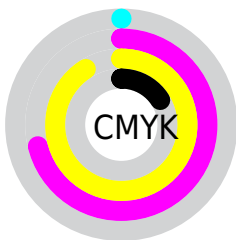
Blue (8%)



Red (84%)

Yellow (28%)

Blue (8%)

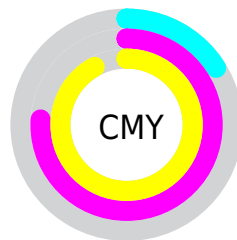


Cyan (0%)

Magenta (71%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (76%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D53D14 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 D53D14 by changing the saturation by 10% instead.

 D53D14

 D53D14

FFFFFF

 B51C00

 FF7646

 950000

 FF925F

 760000

 FFAE79

 570000

 FFCB94

 3C0003

 FFE8AF

 160000

 FFFFCB

 000000

 FFFFE7

 D53D14

 D53D14

 D52D00

 D54E29

 D55F3F

 D56F54

 D58069

 D5917F

 D5A294

 D5B2A9

 D5C3BE

 D5D4D4

Harmonies

Analogous

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



E70059



D53D14



AB6300

Triad

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



D53D14



008E4B



0073FA

Complementary

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



D53D14



14ACD5

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.



0087F7



D53D14



009093

Square

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



D53D14



008800



008FD1



9A50D7

Rectangle

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



D53D14



867400



008FD1



007BFD

Sweetspot

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



D53D14



FFC9BA



D514AE



805F57



000000



808080

Same Dimension

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



D53D14



FF3600



D59B14



6B6360



AB2400



2B0900

Inverse Universe

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



14ACD5



00C9FF



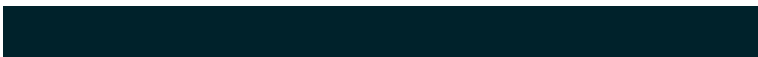
144ED5



60696B



0087AB



00222B

Previews

White Background



This preview shows how the Hex color D53D14 looks on a white background.

Color Contrast Check

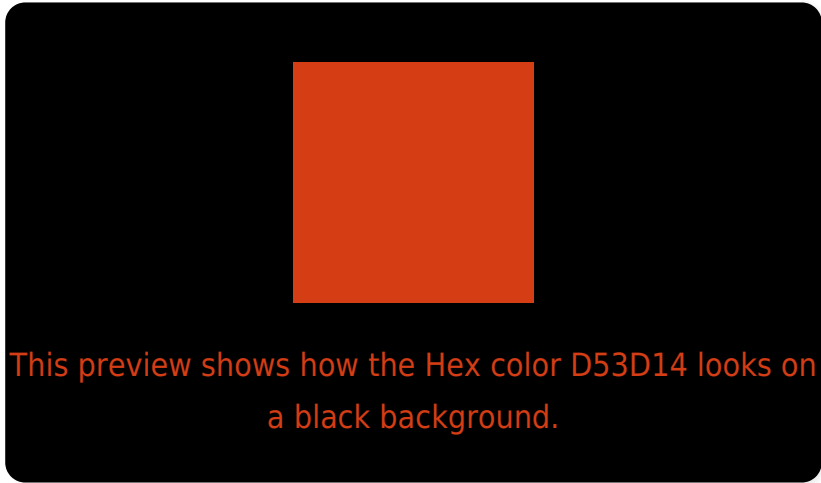
Large Text (above 18pt) WCAG AA ✓ Pass

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 D53D14 Background



This preview shows how black text looks on a background with the Hex color D53D14.



This preview shows how white text looks on a background with the Hex color D53D14.

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
D53D14

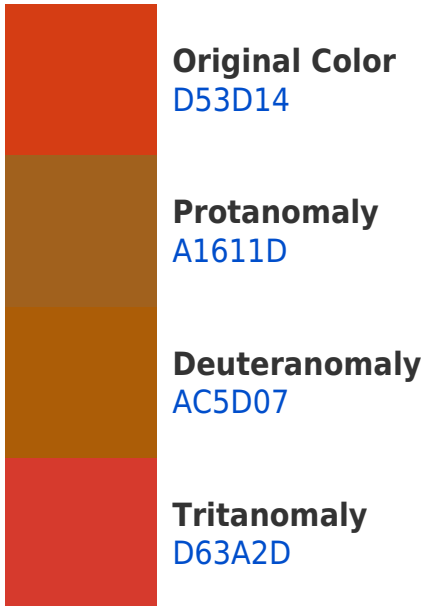
Protanopia
837522

Deuteranopia
946F00

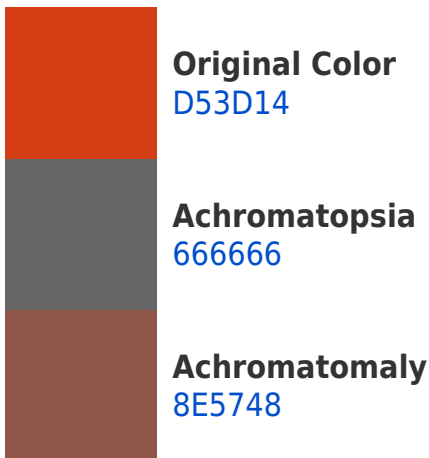


Tritanopia
D6393B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D53D14 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 #D53D14 looks like.

```
.text, #text, p{  
    color:#D53D14  
}
```

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 #D53D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53D14
}
```

Border

The CSS property to change the border of an element to Hex D53D14 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
#D53D14 }
```

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

```
.border{ border-color:#D53D14 }
```

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

Here you see how a box with a 4 pixel #D53D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53D14; -webkit-box-shadow:4px 4px  
4px 4px #D53D14; box-shadow:4px 4px 4px  
4px #D53D14 }
```

Background

The CSS property to change the background color of an element to Hex D53D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53D14 }
```

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

```
.background{ background-color:#D53D14 }
```

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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