

Converting Colors

Hex(D54B00)

Have a look what the booklet for
Hex(D54B00) contains.

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Color

Hex(D54B00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D54B00 |
| RGB | 213, 75, 0 |
| RGB Percent | 84%, 29%, 0% |
| CMY | 0.1647, 0.7059, 1.0000 |
| CMYK | 0.00, 0.65, 1.00, 0.16 |
| HSL | 21°, 100%, 42% |
| HSV | 21°, 100%, 84% |
| XYZ | 29.9566, 19.1783, 2.1229 |
| YIQ | 107.7120, 106.3230, 5.9310 |

Conversions

Conversions Part 2

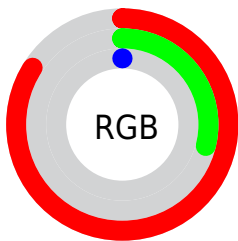
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 116, 0 |
| Decimal | 13978368 |
| CIE Lab | 50.90, 51.93, 61.51 |
| CIE LCh | 51, 80.496, 49.827 |
| Yxy | 19.1783, 0.5844, 0.3742 |
| Android (android.graphics.Color) | 4292168448 (0xFFD54B00) |
| YUV | 107.7120, -53.1020, 92.3376 |
| Hunter-Lab | 43.7930, 45.4653, 27.7810 |

Details

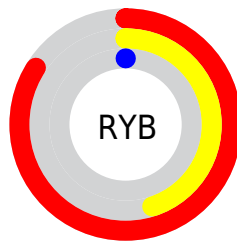
The Hex color **D54B00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **008AD5**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF813D**, and **950A00** is the 20% darker color. If you saturate the color by 10%, you get **D54B00**, and if you desaturate by 10%, it is **D55915**.

Distribution



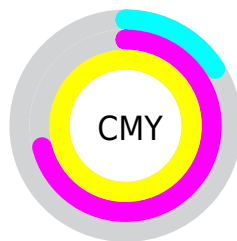
- Red (84%)
- Green (29%)
- Blue (0%)



- Red (84%)
- Yellow (45%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D54B00 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 D54B00 by changing the saturation by 10% instead.

 D54B00

 D54B00

FFFFFFC

 B52F00

 FF813D

 950A00

 FF9D56

 760000

 FFB971

 580000

 FFD68B

 3D0002

 FFF3A6

 1A0001

 FFFFC2

 000000

 FFFFDF

 D54B00

 D55915

 D5672B

 D57440

 D58255

 D5906B

 D59E80

 D5AC95

 D5B9AA

 D5C7C0

Harmonies

Analogous

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



ED1650



D54B00



A76E00

Triad

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



D54B00



00945F



1472FC

Complementary

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



D54B00



008AD5

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.



0089FF



D54B00



0096A6

Square

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



D54B00



008F08



0093E2



B24BD3

Rectangle

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



D54B00



7F7E00



0093E2



007BFF

Sweetspot

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



D54B00



FFCDB3



D5008A



806252



000000



808080

Same Dimension

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



D54B00



FF5A00



D5B500



6B6460



AB3C00



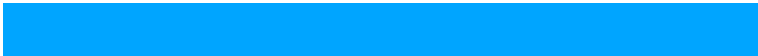
2B0F00

Inverse Universe

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



008AD5



00A5FF



0020D5



60676B



006FAB



001C2B

Previews

White Background



This preview shows how the Hex color D54B00 looks on a white background.

Color Contrast Check

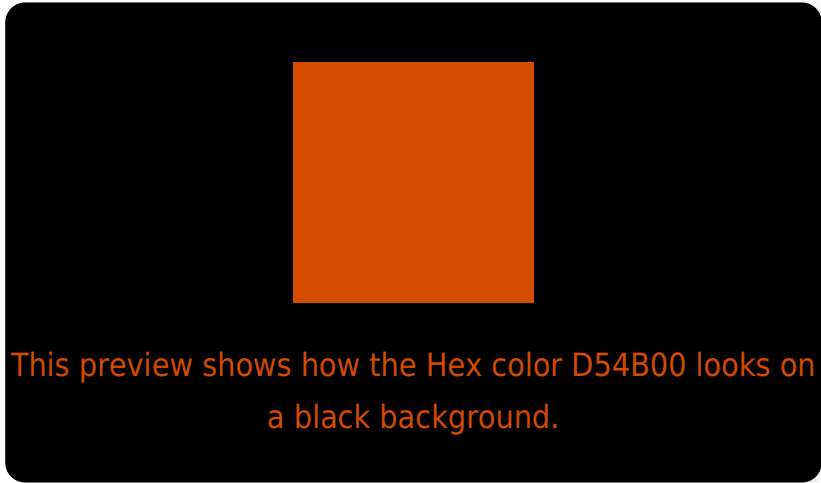
Large Text (above 18pt) WCAG AA ✓ Pass

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 D54B00 Background



This preview shows how black text looks on a background with the Hex color D54B00.



This preview shows how white text looks on a background with the Hex color D54B00.

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
D54B00

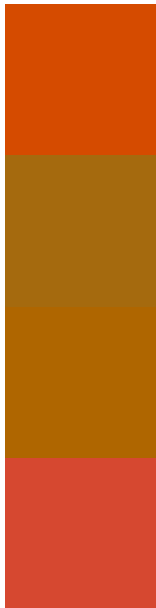
Protanopia
897A16

Deuteranopia
9A7400



Tritanopia
D6464A

Trichromacy



Original Color
D54B00

Protanomaly
A5690E

Deuteranomaly
AF6500

Tritanomaly
D6482F

Monochromacy



Original Color
D54B00

Achromatopsia
6C6C6C

Achromatomaly
926045

CSS Examples

Text

The CSS property to change the color of the text to Hex D54B00 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 #D54B00 looks like.

```
.text, #text, p{  
    color:#D54B00  
}
```

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 #D54B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D54B00
}
```

Border

The CSS property to change the border of an element to Hex D54B00 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
#D54B00 }
```

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

```
.border{ border-color:#D54B00 }
```

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

Here you see how a box with a 4 pixel #D54B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D54B00; -webkit-box-shadow:4px 4px  
4px 4px #D54B00; box-shadow:4px 4px 4px  
4px #D54B00 }
```

Background

The CSS property to change the background color of an element to Hex D54B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D54B00 }
```

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

```
.background{ background-color:#D54B00 }
```

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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