

Converting Colors

Hex(D3552A)

Have a look what the booklet for
Hex(D3552A) contains.

Hex(D3552A)	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(D3552A)

Conversions

Conversions Part 1

Format	Color
Hex	D3552A
RGB	211, 85, 42
RGB Percent	83%, 33%, 16%
CMY	0.1725, 0.6667, 0.8353
CMYK	0.00, 0.60, 0.80, 0.17
HSL	15°, 67%, 50%
HSV	15°, 80%, 83%
XYZ	30.5304, 20.5131, 4.5408
YIQ	117.7720, 88.8990, 13.3390

Conversions

Conversions Part 2

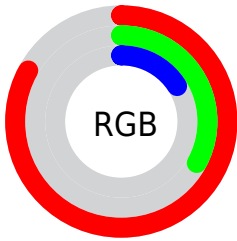
Format	Color
R _Y B	211, 100, 42
Decimal	13849898
CIE Lab	52.41, 47.55, 48.60
CIE LCh	52, 67.987, 45.626
Yxy	20.5131, 0.5493, 0.3690
Android (android.graphics.Color)	4292039978 (0xFFD3552A)
YUV	117.7720, -37.3556, 81.7610
Hunter-Lab	45.2913, 41.0650, 25.7597

Details

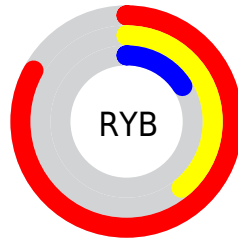
The Hex color **D3552A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **2AA8D3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8B5B**, and **951E00** is the 20% darker color. If you saturate the color by 10%, you get **D34515**, and if you desaturate by 10%, it is **D3653F**.

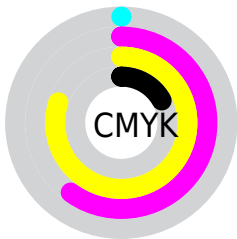
Distribution



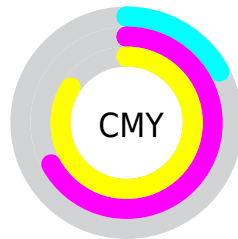
- Red (83%)
- Green (33%)
- Blue (16%)



- Red (83%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3552A 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 D3552A by changing the saturation by 10% instead.

 D3552A

 D3552A

FFFFFF

 B43A11

 FF8B5B

 951E00

 FFA674

 760000

 FFC28E

 580000

 FFDF A9

 3D0001

 FFFCC5

 1C0001

 FFFF E1

 000000

FFFFFFE

 D3552A

 D3552A

 D34515

 D3653F

 D33600

 D37454

 D38469

 D3947E

 D3A493

 D3B3A9

 D3C3BE

 D3D3D3

 D3E3E8

Harmonies

Analogous

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



E33C61



D3552A



AE7000

Triad

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



D3552A



00955E



2A7AEE

Complementary

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



D3552A



2AA8D3

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.



008CEF



D3552A



00979B

Square

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



D3552A



308F20



0095D0



A55ED0

Rectangle

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



D3552A



8D7E00



0095D0



0081F2

Sweetspot

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



D3552A



FFD1C2



D32AA9



80645B



000000



808080

Same Dimension

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



D3552A



FF480A



D3A92A



69615E



A82B00



290A00

Inverse Universe

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



2AA8D3



0AC1FF



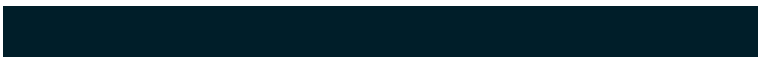
2A54D3



5E6669



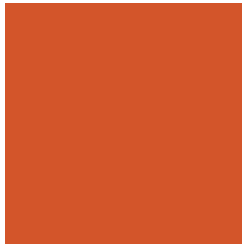
007DA8



001E29

Previews

White Background



This preview shows how the Hex color D3552A looks on a white background.

Color Contrast Check

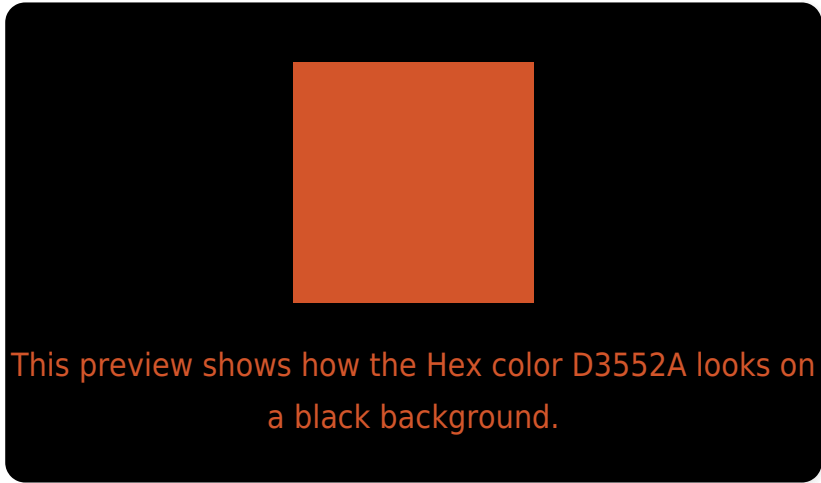
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3552A Background



This preview shows how black text looks on a background with the Hex color D3552A.



This preview shows how white text looks on a background with the Hex color D3552A.

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
D3552A

Protanopia
8C7E35

Deuteranopia
9E771F

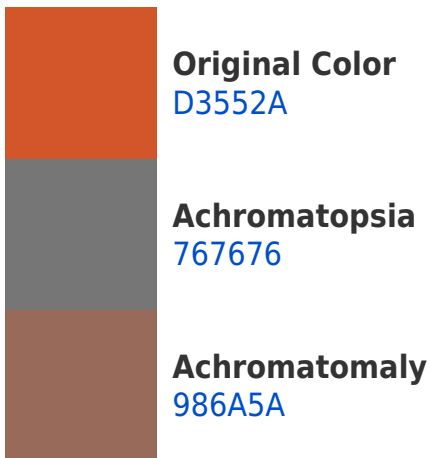


Tritanopia
D55055

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3552A 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 #D3552A looks like.

```
.text, #text, p{  
    color:#D3552A  
}
```

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 #D3552A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3552A
}
```

Border

The CSS property to change the border of an element to Hex D3552A 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
#D3552A }
```

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

```
.border{ border-color:#D3552A }
```

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

Here you see how a box with a 4 pixel #D3552A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3552A; -webkit-box-shadow:4px 4px  
4px 4px #D3552A; box-shadow:4px 4px 4px  
4px #D3552A }
```

Background

The CSS property to change the background color of an element to Hex D3552A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3552A }
```

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

```
.background{ background-color:#D3552A }
```

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