

Converting Colors

Hex(DF652A)

Have a look what the booklet for
Hex(DF652A) contains.

Hex(DF652A)	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(DF652A)

Conversions

Conversions Part 1

Format	Color
Hex	DF652A
RGB	223, 101, 42
RGB Percent	87%, 40%, 16%
CMY	0.1255, 0.6039, 0.8353
CMYK	0.00, 0.55, 0.81, 0.13
HSL	20°, 74%, 52%
HSV	20°, 81%, 87%
XYZ	35.5030, 25.1625, 5.1761
YIQ	130.7520, 91.6510, 7.5150

Conversions

Conversions Part 2

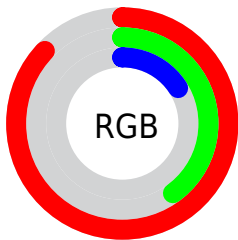
Format	Color
R _Y B	223, 130, 42
Decimal	14640426
CIE Lab	57.23, 44.43, 53.81
CIE LCh	57, 69.785, 50.456
Yxy	25.1625, 0.5392, 0.3822
Android (android.graphics.Color)	4292830506 (0xFFDF652A)
YUV	130.7520, -43.7547, 80.9015
Hunter-Lab	50.1622, 38.5519, 28.9956

Details

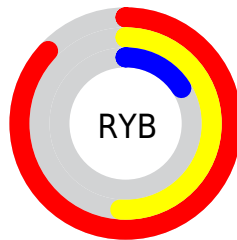
The Hex color **DF652A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2AA4DF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9B5C**, and **A13100** is the 20% darker color. If you saturate the color by 10%, you get **DF5614**, and if you desaturate by 10%, it is **DF7440**.

Distribution



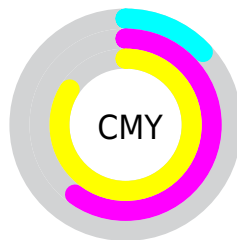
- Red (87%)
- Green (40%)
- Blue (16%)



- Red (87%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (81%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF652A 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 DF652A by changing the saturation by 10% instead.

 DF652A

 DF652A

FFFFFF

 C04B0F

 FF9B5C

 A13100

 FFB676

 821300

 FFD391

 640000

 FFEFAC

 470000

 FFFFC7

 2D0001

 FFFFE4

 000000

 DF652A

 DF652A

 DF5614

 DF7440

DF4900

DF8357

DF926D

DFA183

DFB09A

DFBFB0

DFCEC6

DFDDDC

DFECF3

Harmonies

Analogous

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



F44B63



DF652A



B58000

Triad

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



DF652A



00A473



5B82FD

Complementary

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



DF652A



2AA4DF

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.



0096FF



DF652A



00A5B2

Square

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



DF652A



259E35



00A1E7



BF64D8

Rectangle

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



DF652A



928D00



00A1E7



008AFF

Sweetspot

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



DF652A



FFD6C2



DF2AA6



80675B



000000



808080

Same Dimension

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



DF652A



FF5808



DFBE2A



706965



B03900



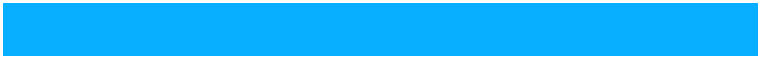
301000

Inverse Universe

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



2AA4DF



08AEFF



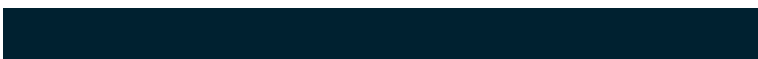
2A4BDF



656D70



0077B0



002130

Previews

White Background



This preview shows how the Hex color DF652A looks on a white background.

Color Contrast Check

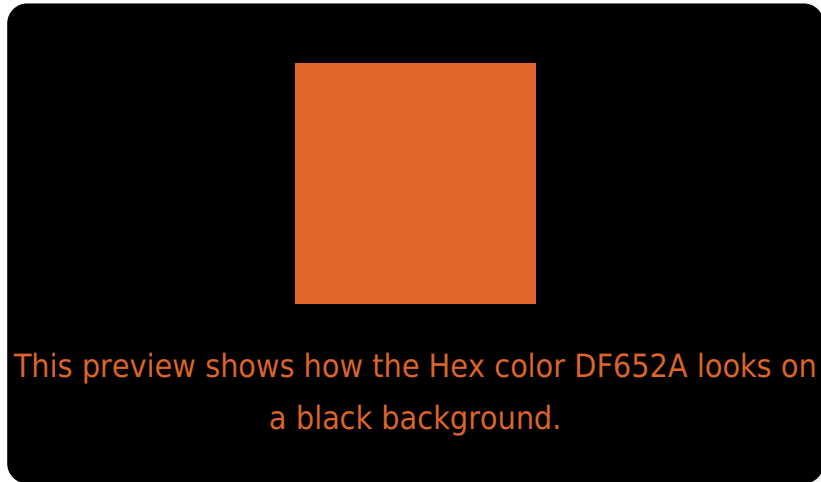
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF652A Background



This preview shows how black text looks on a background with the Hex color DF652A.



This preview shows how white text looks on a background with the Hex color DF652A.

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
DF652A

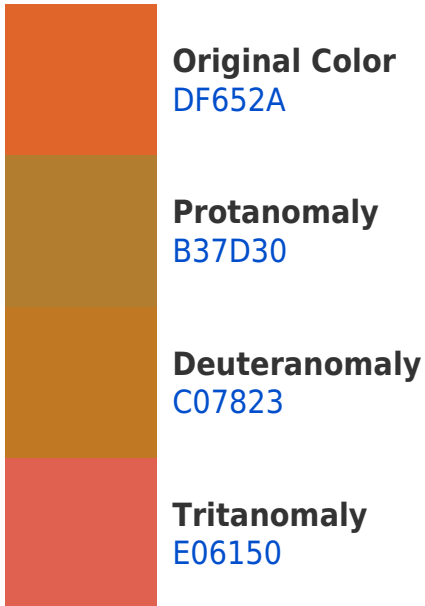
Protanopia
9A8A34

Deuteranopia
AE831F



Tritanopia
E15F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF652A 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 #DF652A looks like.

```
.text, #text, p{  
    color:#DF652A  
}
```

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 #DF652A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF652A
}
```

Border

The CSS property to change the border of an element to Hex DF652A 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
#DF652A }
```

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

```
.border{ border-color:#DF652A }
```

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

Here you see how a box with a 4 pixel #DF652A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF652A; -webkit-box-shadow:4px 4px  
4px 4px #DF652A; box-shadow:4px 4px 4px  
4px #DF652A }
```

Background

The CSS property to change the background color of an element to Hex DF652A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF652A }
```

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

```
.background{ background-color:#DF652A }
```

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