

Converting Colors

Hex(F4531D)

Have a look what the booklet for
Hex(F4531D) contains.

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Color

Hex(F4531D)

Conversions

Conversions Part 1

Format	Color
Hex	F4531D
RGB	244, 83, 29
RGB Percent	96%, 33%, 11%
CMY	0.0431, 0.6745, 0.8863
CMYK	0.00, 0.66, 0.88, 0.04
HSL	15°, 91%, 54%
HSV	15°, 88%, 96%
XYZ	40.6233, 25.5083, 3.9449
YIQ	124.9830, 113.2900, 17.3380

Conversions

Conversions Part 2

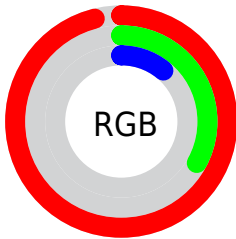
Format	Color
RYB	244, 101, 29
Decimal	16012061
CIELab	57.57, 59.53, 60.66
CIElCh	58, 84.991, 45.539
Yxy	25.5083, 0.5797, 0.3640
Android (android.graphics.Color)	4294202141 (0xFFFF4531D)
YUV	124.9830, -47.3196, 104.3779
Hunter-Lab	50.5058, 55.1877, 30.7230

Details

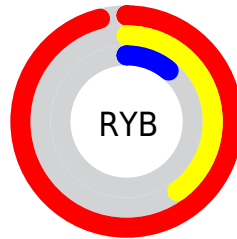
The Hex color **F4531D** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1DBEF4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8B51**, and **B30E00** is the 20% darker color. If you saturate the color by 10%, you get **F44105**, and if you desaturate by 10%, it is **F46535**.

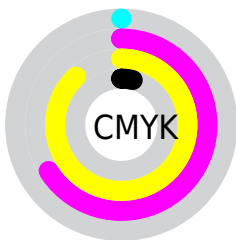
Distribution



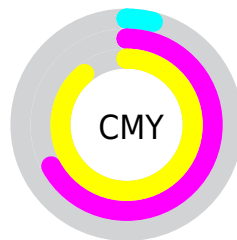
- Red (96%)
- Green (33%)
- Blue (11%)



- Red (96%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (88%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4531D 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 F4531D by changing the saturation by 10% instead.

 F4531D

 F4531D

FFFFFF

 D33500

 FF8B51

 B30E00

 FFA86A

 930000

 FFC485

 730000

 FFE2A0

 550000

 FFFFBB

 390002

 FFFFD8

 0F0000

 FFFFF5

 000000

 F4531D

 F4531D

 F44105

 F46535

 F43D00

 F4784E

 F48A66

 F49C7F

 F4AE97

 F4C1AF

 F4D3C8

 F4E5E0

 F4F7F9

Harmonies

Analogous

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



FF2367



F4531D



C57A00

Triad

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



F4531D



00A862



0087FF

Complementary

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



F4531D



1DBEF4

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.



009DFF



F4531D



00AAB0

Square

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



F4531D



09A100



00A8F4



BB60F4

Rectangle

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



F4531D



9B8C00



00A8F4



0090FF

Sweetspot

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



F4531D



FFCDBD



F41DBE



806258



000000



808080

Same Dimension

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



F4531D



FF4000



F4BE1D



7A716E



BA2F00



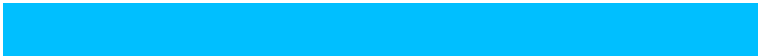
3B0F00

Inverse Universe

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



1DBEF4



00BFFF



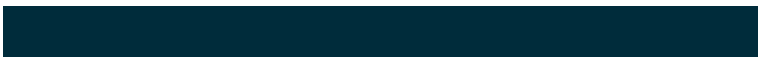
1D53F4



6E777A



008BBA



002C3B

Previews

White Background



This preview shows how the Hex color F4531D looks on a white background.

Color Contrast Check

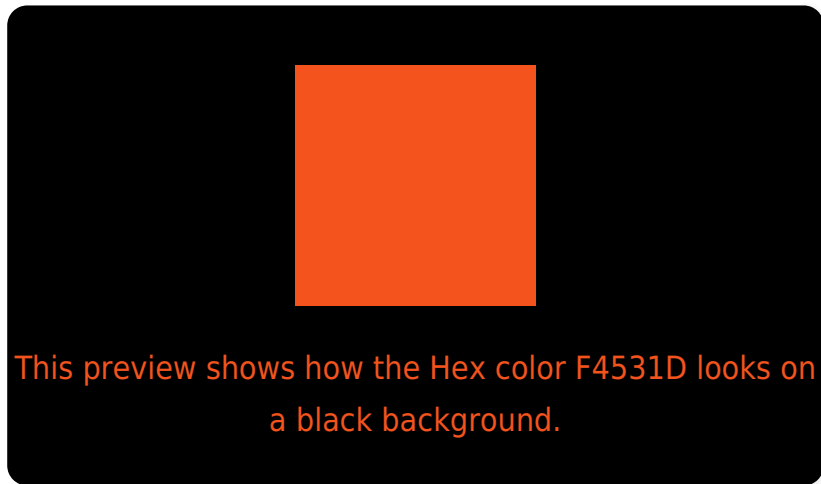
Large Text (above 18pt) WCAG AA ✓ Pass

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 F4531D Background



This preview shows how black text looks on a background with the Hex color F4531D.

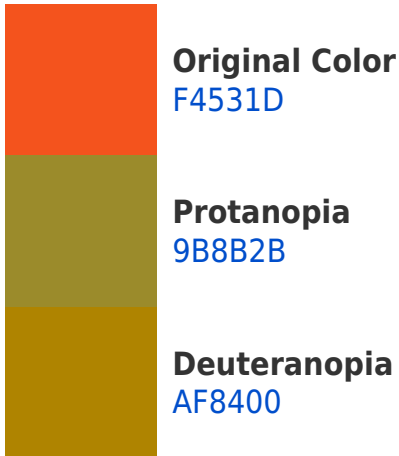


This preview shows how white text looks on a background with the Hex color F4531D.

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





Tritanopia
F54E52

Trichromacy



Original Color
F4531D

Protanomaly
BB7726

Deuteranomaly
C8720B

Tritanomaly
F5503F

Monochromacy



Original Color
F4531D

Achromatopsia
7D7D7D

Achromatomaly
A86E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex F4531D 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 #F4531D looks like.

```
.text, #text, p{  
    color:#F4531D  
}
```

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 #F4531D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4531D
}
```

Border

The CSS property to change the border of an element to Hex F4531D 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
#F4531D }
```

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

```
.border{ border-color:#F4531D }
```

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

Here you see how a box with a 4 pixel #F4531D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4531D; -webkit-box-shadow:4px 4px  
4px 4px #F4531D; box-shadow:4px 4px 4px  
4px #F4531D }
```

Background

The CSS property to change the background color of an element to Hex F4531D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4531D }
```

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

```
.background{ background-color:#F4531D }
```

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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