

Converting Colors

Hex(F1564D)

Have a look what the booklet for
Hex(F1564D) contains.

| | |
|--|----|
| Hex(F1564D) | 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(F1564D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1564D |
| RGB | 241, 86, 77 |
| RGB Percent | 95%, 34%, 30% |
| CMY | 0.0549, 0.6627, 0.6980 |
| CMYK | 0.00, 0.64, 0.68, 0.05 |
| HSL | 3°, 85%, 62% |
| HSV | 3°, 68%, 95% |
| XYZ | 40.9430, 25.8922, 9.8609 |
| YIQ | 131.3190, 95.2690, 30.0610 |

Conversions

Conversions Part 2

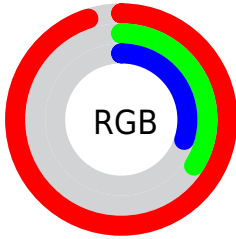
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 241, 87, 77 |
| Decimal | 15816269 |
| CIE Lab | 57.93, 58.93, 37.66 |
| CIE LCh | 58, 69.937, 32.579 |
| Yxy | 25.8922, 0.5338, 0.3376 |
| Android (android.graphics.Color) | 4294006349 (0xFFFF1564D) |
| YUV | 131.3190, -26.7793, 96.1902 |
| Hunter-Lab | 50.8844, 54.5785, 24.1292 |

Details

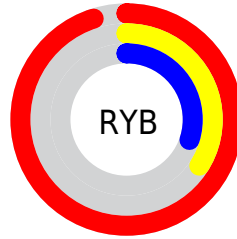
The Hex color **F1564D** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **4DE8F1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8E7E**, and **B21420** is the 20% darker color. If you saturate the color by 10%, you get **F13F35**, and if you desaturate by 10%, it is **F16D65**.

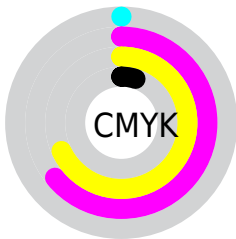
Distribution



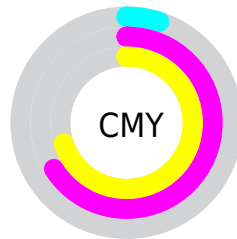
- Red (95%)
- Green (34%)
- Blue (30%)



- Red (95%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color F1564D 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 F1564D by changing the saturation by 10% instead.

 F1564D

 F1564D

FFFFFF

 D13936

 FF8E7E

 B21420

 FFAB99

 93000A

 FFC7B3


 740000

 FFE5CF

 550000

 FFFFEB

 390002

 110000

 000000

 F1564D

 F1564D

 F13F35

 F16D65

 F1281D

 F1847D

 F11205

 F19A95

 F10D00

 F1B1AD

 F1C8C6

 F1DFDE

 F1F5F6

 F1FFFF

Harmonies

Analogous

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



F54889



F1564D



D27211

Triad

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



F1564D



00A34F



0091FF

Complementary

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



F1564D



4DE8F1

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.



00A0F8



F1564D



00A78F

Square

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



F1564D



649A0A



00A6CC



9078F3

Rectangle

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



F1564D



B48300



00A6CC



0097FF

Sweetspot

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



F1564D



FFCFCC



F14DE9



806361



000000



808080

Same Dimension

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



F1564D



FF392E



F1A74D



786D6C



B80A00



380300

Inverse Universe

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



4DE8F1



2EF4FF



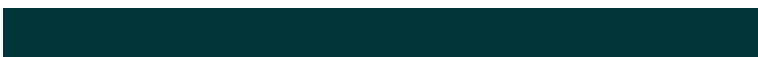
4D97F1



6C7778



00AEB8



003538

Previews

White Background



This preview shows how the Hex color F1564D looks on a white background.

Color Contrast Check

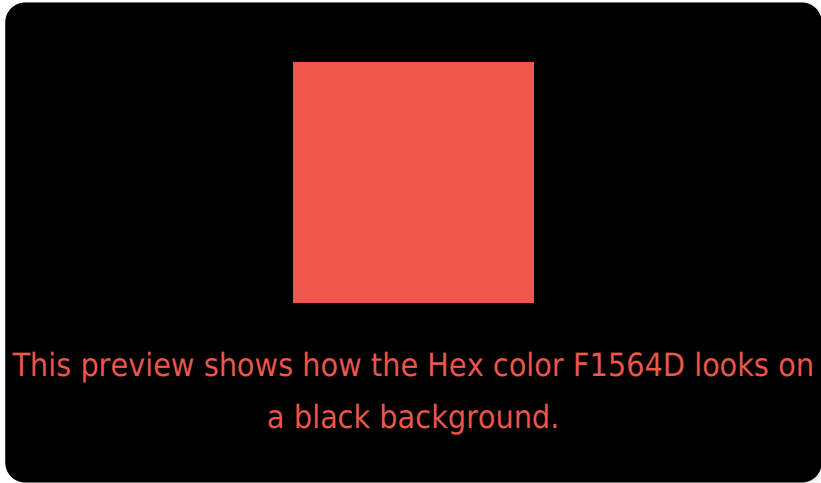
Large Text (above 18pt) WCAG AA ✓ Pass

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 F1564D Background



This preview shows how black text looks on a background with the Hex color F1564D.



This preview shows how white text looks on a background with the Hex color F1564D.

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
F1564D

Protanopia
978C61

Deuteranopia
AC8544



Tritanopia
F25459

Trichromacy



Original Color
F1564D

Protanomaly
B8785A

Deuteranomaly
C57447

Tritanomaly
F25555

Monochromacy



Original Color
F1564D

Achromatopsia
838383

Achromatomaly
AB736F

CSS Examples

Text

The CSS property to change the color of the text to Hex F1564D 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 #F1564D looks like.

```
.text, #text, p{  
    color:#F1564D  
}
```

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 #F1564D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1564D
}
```

Border

The CSS property to change the border of an element to Hex F1564D 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".

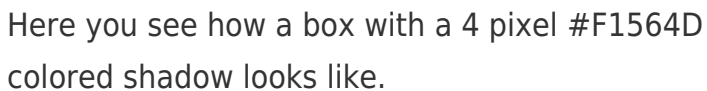
```
.border, #border, table{ border:4px solid
#F1564D }
```

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

```
.border{ border-color:#F1564D }
```

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

Here you see how a box with a 4 pixel #F1564D colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1564D; -webkit-box-shadow:4px 4px  
4px 4px #F1564D; box-shadow:4px 4px 4px  
4px #F1564D }
```

Background

The CSS property to change the background color of an element to Hex F1564D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1564D }
```

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

```
.background{ background-color:#F1564D }
```

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