

Converting Colors

Hex(FF1517)

Have a look what the booklet for
Hex(FF1517) contains.

Hex(FF1517)	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(F1517)

Conversions

Conversions Part 1

Format	Color
Hex	FF1517
RGB	255, 21, 23
RGB Percent	100%, 8%, 9%
CMY	0.0000, 0.9176, 0.9098
CMYK	0.00, 0.92, 0.91, 0.00
HSL	359°, 100%, 54%
HSV	359°, 92%, 100%
XYZ	41.6628, 21.8582, 2.8338
YIQ	91.1940, 138.8220, 50.2300

Conversions

Conversions Part 2

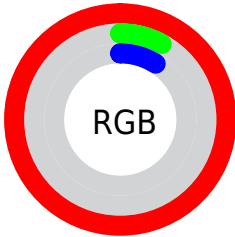
Format	Color
R_{YB}	255, 21, 23
Decimal	16717079
CIE _{Lab}	53.88, 78.63, 61.21
CIE _{LCh}	54, 99.640, 37.899
Yxy	21.8582, 0.6279, 0.3294
Android (android.graphics.Color)	4294907159 (0xFFFF1517)
YUV	91.1940, -33.6196, 143.6579
Hunter-Lab	46.7527, 77.2496, 29.1332

Details

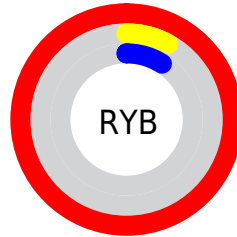
The Hex color **FF1517** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **15FFFD**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6549**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0002**, and if you desaturate by 10%, it is **FF2F30**.

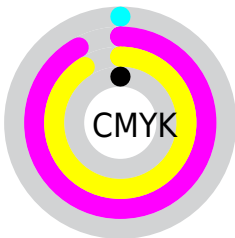
Distribution



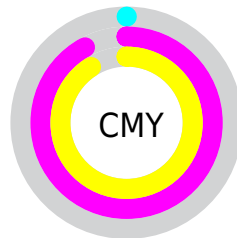
- Red (100%)
- Green (8%)
- Blue (9%)



- Red (100%)
- Yellow (8%)
- Blue (9%)



- Cyan (0%)
- Magenta (92%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (92%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF1517 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 FF1517 by changing the saturation by 10% instead.

 FF1517

 FF1517

FFFFFF

 DD0000

 FF6549

 BC0000

 FF8562

 9A0000

 FFA37C

 7A0001

 FFC196

 5A0003

 FFDFB2

 3B0002

 FFFECE

 140000

 FFFFEA

 000000

 FF1517

 FF1517

 FF0002

 FF2F30

 FF484A

 FF6263

 FF7B7C

 FF9495

 FFAEAF

 FFC8C8

 FFE1E1

 FFFBFB

Harmonies

Analogous

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



FF006F



FF1517



CF6300

Triad

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



FF1517



009F39



0086FF

Complementary

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



FF1517



15FFFD

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.



009BFF



FF1517



00A296

Square

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



FF1517



009700



00A2EA



955BFF

Rectangle

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



FF1517



A27C00



00A2EA



008FFF

Sweetspot

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



FF1517



FFB8B8



FB15FF



805455



000000



808080

Same Dimension

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



FF1517



FF0002



FF8615



807373



BF0002



400001

Inverse Universe

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



FF1517



FF0002



158EFF



807373



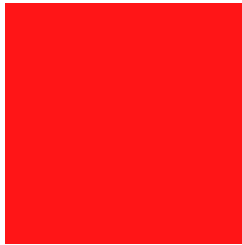
BF0002



400001

Previews

White Background



This preview shows how the Hex color FF1517 looks on a white background.

Color Contrast Check

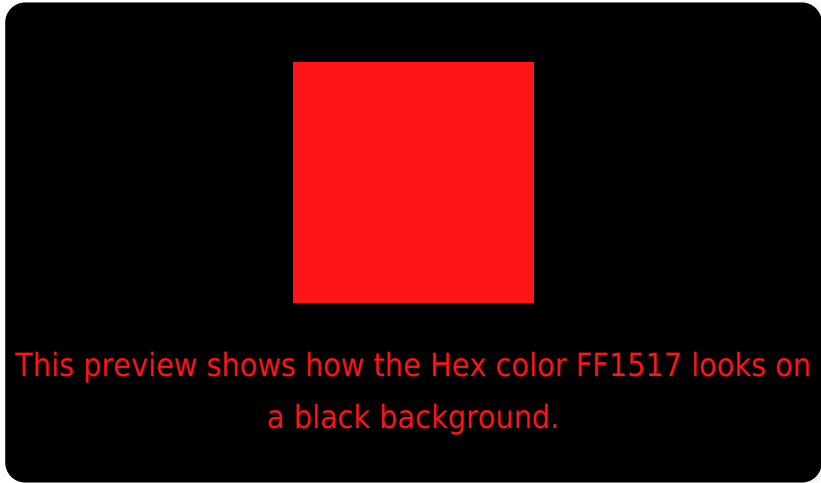
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1517 Background



This preview shows how black text looks on a background with the Hex color FF1517.



This preview shows how white text looks on a background with the Hex color FF1517.

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
FF1517

Protanopia
91822D

Deuteranopia
A37B00



Tritanopia
FF1705

Trichromacy



Original Color
FF1517



Protanomaly
B95A25



Deuteranomaly
C45608



Tritanomaly
FF160C

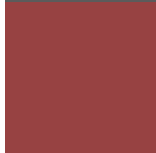
Monochromacy



Original Color
FF1517



Achromatopsia
5B5B5B



Achromatomaly
974242

CSS Examples

Text

The CSS property to change the color of the text to Hex FF1517 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 #FF1517 looks like.

```
.text, #text, p{  
    color:#FF1517  
}
```

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 #FF1517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1517
}
```

Border

The CSS property to change the border of an element to Hex FF1517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

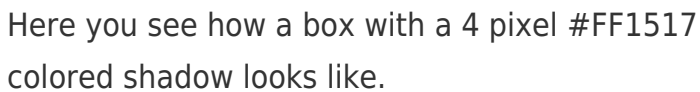
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF1517 }
```

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

```
.border{ border-color:#FF1517 }
```

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



Here you see how a box with a 4 pixel #FF1517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1517; -webkit-box-shadow:4px 4px  
4px 4px #FF1517; box-shadow:4px 4px 4px  
4px #FF1517 }
```

Background

The CSS property to change the background color of an element to Hex FF1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1517 }
```

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

```
.background{ background-color:#FF1517 }
```

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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