

Converting Colors

Hex(FF1325)

Have a look what the booklet for
Hex(FF1325) contains.

Hex(FF1325)	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(F1325)

Conversions

Conversions Part 1

Format	Color
Hex	FF1325
RGB	255, 19, 37
RGB Percent	100%, 7%, 15%
CMY	0.0000, 0.9255, 0.8549
CMYK	0.00, 0.93, 0.85, 0.00
HSL	355°, 100%, 54%
HSV	355°, 93%, 100%
XYZ	41.8068, 21.8593, 3.7661
YIQ	91.6160, 134.8780, 55.6300

Conversions

Conversions Part 2

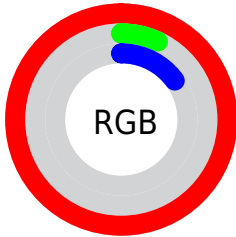
Format	Color
R_{YB}	255, 19, 37
Decimal	16716581
CIE _{Lab}	53.88, 79.06, 55.31
CIE _{LCh}	54, 96.487, 34.980
Yxy	21.8593, 0.6200, 0.3242
Android (android.graphics.Color)	4294906661 (0xFFFF1325)
YUV	91.6160, -26.9257, 143.2878
Hunter-Lab	46.7539, 77.7931, 27.9519

Details

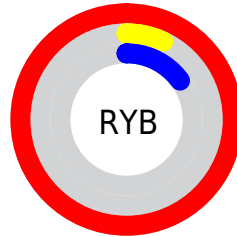
The Hex color **FF1325** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **13FFED**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6555**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0013**, and if you desaturate by 10%, it is **FF2D3D**.

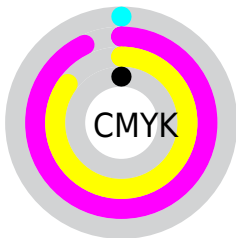
Distribution



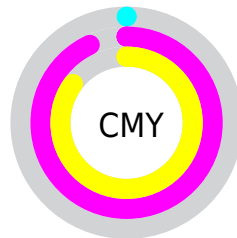
- Red (100%)
- Green (7%)
- Blue (15%)



- Red (100%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF1325 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 FF1325 by changing the saturation by 10% instead.

 FF1325

 FF1325

FFFFFF

 DD000D

 FF6555

 BC0000

 FF846E

 9B0000

 FFA388

 7A0001

 FFC1A2

 5B0003

 FFDFBE

 3B0003

 FFFEDA

 150000

 FFFFF7

 000000

 FF1325

 FF1325

 FF0013

 FF2D3D

 FF4654

 FF606C

 FF7983

 FF939B

 FFACB2

 FFC6CA

 FFD FE1

 FFF9F9

Harmonies

Analogous

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



FF0077



FF1325



D25F00

Triad

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



FF1325



009E32



0089FF

Complementary

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



FF1325



13FFED

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.



009CFF



FF1325



00A18D

Square

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



FF1325



2C9500



00A2DF



8762FF

Rectangle

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



FF1325



A97900



00A2DF



0091FF

Sweetspot

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



FF1325



FFB8BD



EB13FF



805457



000000



808080

Same Dimension

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



FF1325



FF0013



FF7513



807374



BF000F



400005

Inverse Universe

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



FF1325



FF0013



139DFF



807374



BF000F



400005

Previews

White Background



This preview shows how the Hex color FF1325 looks on a white background.

Color Contrast Check

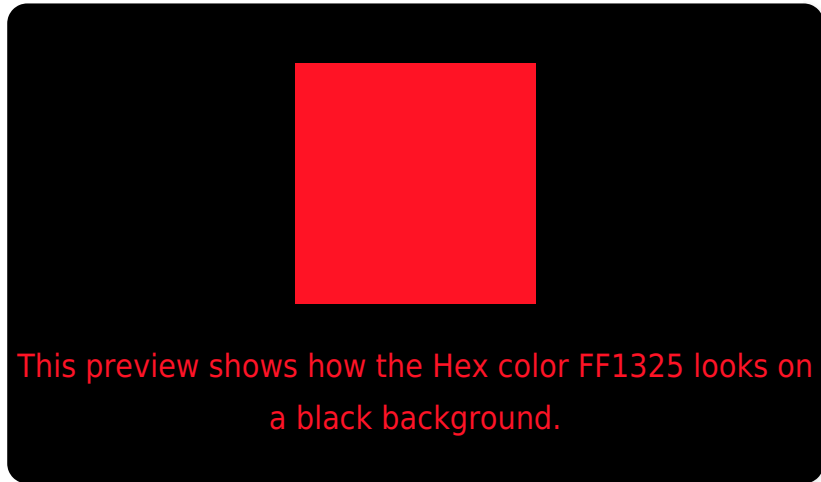
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1325 Background



This preview shows how black text looks on a background with the Hex color FF1325.



This preview shows how white text looks on a background with the Hex color FF1325.

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
FF1325

Protanopia
90823D

Deuteranopia
A47B00



Tritanopia
FF180A

Trichromacy



Original Color
FF1325



Protanomaly
B85A34



Deuteranomaly
C5550D



Tritanomaly
FF1614

Monochromacy



Original Color
FF1325



Achromatopsia
5C5C5C



Achromatomaly
974148

CSS Examples

Text

The CSS property to change the color of the text to Hex FF1325 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 #FF1325 looks like.

```
.text, #text, p{  
    color:#FF1325  
}
```

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 #FF1325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1325  
}
```

Border

The CSS property to change the border of an element to Hex FF1325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

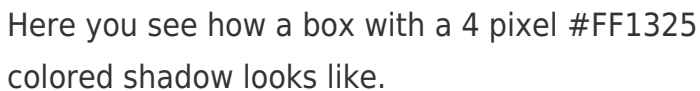
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#FF1325 }
```

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

```
.border{ border-color:#FF1325 }
```

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



Here you see how a box with a 4 pixel #FF1325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1325; -webkit-box-shadow:4px 4px  
4px 4px #FF1325; box-shadow:4px 4px 4px  
4px #FF1325 }
```

Background

The CSS property to change the background color of an element to Hex FF1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1325 }
```

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

```
.background{ background-color:#FF1325 }
```

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