

# Converting Colors

Hex(FF454C)

Have a look what the booklet for  
Hex(FF454C) contains.

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# Color

Hex(**FF454C**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF454C
RGB	255, 69, 76
RGB Percent	100%, 27%, 30%
CMY	0.0000, 0.7294, 0.7020
CMYK	0.00, 0.73, 0.70, 0.00
HSL	358°, 100%, 64%
HSV	358°, 73%, 100%
XYZ	44.6726, 26.0380, 9.5088
YIQ	125.4120, 108.6090, 41.6090

# Conversions

## Conversions Part 2

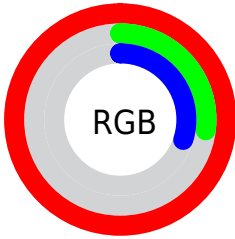
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 69, 76
Decimal	16729420
CIE <sub>Lab</sub>	58.07, 69.47, 38.98
CIE <sub>LCh</sub>	58, 79.658, 29.297
Yxy	26.0380, 0.5569, 0.3246
Android (android.graphics.Color)	4294919500 (0xFFFF454C)
YUV	125.4120, -24.3601, 113.6487
Hunter-Lab	51.0275, 66.9719, 24.6707

# Details

The Hex color **FF454C** 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 **45FFF8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF827D**, and **BE001F** is the 20% darker color. If you saturate the color by 10%, you get **FF2B33**, and if you desaturate by 10%, it is **FF5E65**.

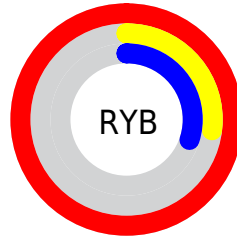
# Distribution



Red (100%)

Green (27%)

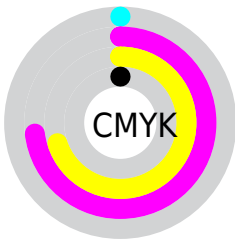
Blue (30%)



Red (100%)

Yellow (27%)

Blue (30%)

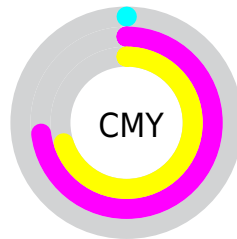


Cyan (0%)

Magenta (73%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF454C 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 FF454C by changing the saturation by 10% instead.



 FF454C

 FF454C

FFFFFF

 DE1F35

 FF827D

 BE001F

 FF9F97

 9E000A

 FFBCB2

 7F0000

 FFDACE

 5F0001

 FFF8EA

 420003

 200001

 000000

 FF454C

 FF454C

 FF2B33

 FF5E65

 FF121B

 FF787D

 FF000A

 FF9296

 FFABAE

 FFC4C7

 FFDEDF

 FFF7F8

FFFFFF

# Harmonies

## Analogous

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



FF3390



FF454C



DF6B00

# Triad

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



FF454C



00A53E



0095FF

# Complementary

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



FF454C



45FFF8

# 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.



00A4FF



FF454C



00A988

# Square

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



FF454C



659B00



00AACE



7F7AFF

# Rectangle

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



FF454C



BD8000



00AACE



009BFF



# Sweetspot

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



FF454C



FFC7C9



F645FF



805E60



000000



808080



# Same Dimension

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



FF454C



FF1F27



FF9945



807373



BF0007



400002



# Inverse Universe

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



FF454C



FF1F27



45ABFF



807373



BF0007



400002



# Previews

## White Background



This preview shows how the Hex color FF454C looks on a white background.

## Color Contrast Check

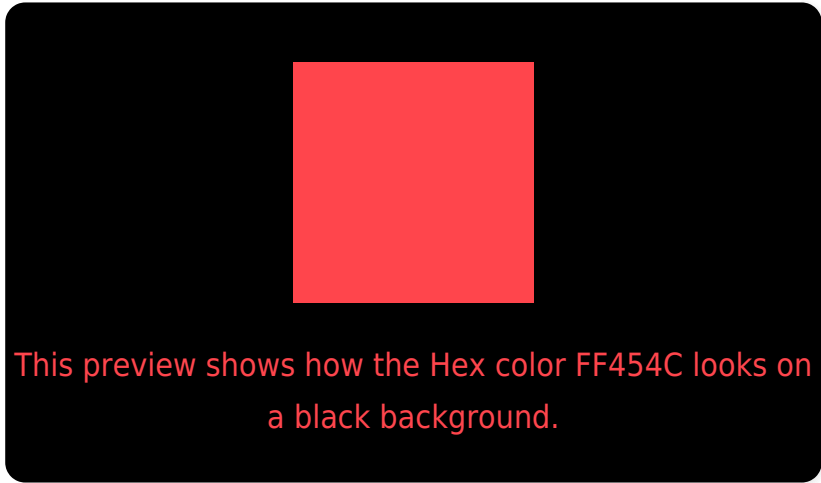
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF454C Background



This preview shows how black text looks on a background with the Hex color FF454C.



This preview shows how white text looks on a background with the Hex color FF454C.

# 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**  
FF454C

**Protanopia**  
968C65

**Deuteranopia**  
AD8541



**Tritanopia**  
FF4648

# Trichromacy



**Original Color**  
FF454C

**Protanomaly**  
BC725C

**Deuteranomaly**  
CB6E45

**Tritanomaly**  
FF4649

# Monochromacy



**Original Color**  
FF454C

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
AC696B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF454C 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 #FF454C looks like.

```
.text, #text, p{  
    color:#FF454C  
}
```

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 #FF454C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF454C
}
```

## Border

The CSS property to change the border of an element to Hex FF454C 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
#FF454C }
```

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

```
.border{ border-color:#FF454C }
```

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

Here you see how a box with a 4 pixel #FF454C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF454C; -webkit-box-shadow:4px 4px  
4px 4px #FF454C; box-shadow:4px 4px 4px  
4px #FF454C }
```

# Background

The CSS property to change the background color of an element to Hex FF454C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF454C }
```

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

```
.background{ background-color:#FF454C }
```

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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