

Converting Colors

Hex(FFFF52)

Have a look what the booklet for
Hex(FFFF52) contains.

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Color

Hex(FFFF52)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF52
RGB	255, 255, 82
RGB Percent	100%, 100%, 32%
CMY	0.0000, 0.0000, 0.6784
CMYK	0.00, 0.00, 0.68, 0.00
HSL	60°, 100%, 66%
HSV	60°, 68%, 100%
XYZ	78.5230, 93.3892, 21.8700
YIQ	235.2780, 55.5330, -53.8030

Conversions

Conversions Part 2

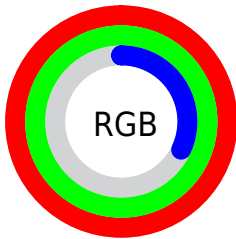
Format	Color
R _Y B	82, 255, 82
Decimal	16777042
CIE Lab	97.39, -19.57, 78.36
CIE LCh	97, 80.770, 104.020
Yxy	93.3892, 0.4052, 0.4819
Android (android.graphics.Color)	4294967122 (0xFFFFFFFF52)
YUV	235.2780, -75.5661, 17.2962
Hunter-Lab	96.6381, -24.0770, 54.2289

Details

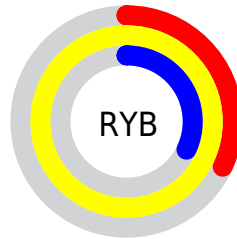
The Hex color **FFFF52** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5252FF**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFF8C**, and **C3C700** is the 20% darker color. If you saturate the color by 10%, you get **FFFF39**, and if you desaturate by 10%, it is **FFFF6B**.

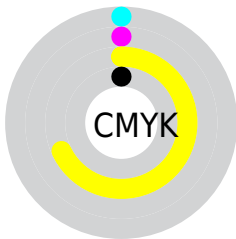
Distribution



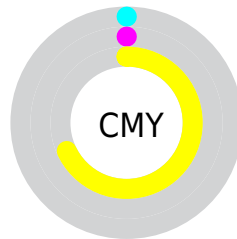
- Red (100%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF52 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 FFFF52 by changing the saturation by 10% instead.

 FFFF52

 FFFF52

FFFFFFF

 E1E232

 FFFF8C

 C3C700

 FFFFA9

 A5AB00

 FFFFC6

 889100

 FFFFE4

 6C7700

 505F00

 354700

 1B3100

 001D00

 FFFF52

 FFFF52

 FFFF39

 FFFF6B

 FFFF1F

 FFFF85

 FFFF06

 FFFF9F

 FFFF00

 FFFFB8

 FFFFD2

 FFFFEB

FFFFFF

Harmonies

Analogous

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



FFE45A



FFFF52



A6FF80

Triad

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



FFFF52



00FFFF



FFB7FF

Complementary

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



FFFF52



5252FF

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.



FFD3FF



FFFF52



00FFFF

Square

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



FFFF52



00FFFF



ABF3FF



FFB1D6

Rectangle

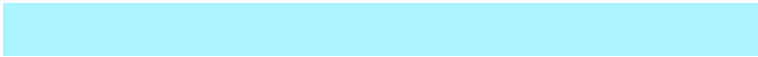
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF52



46FFAF



ABF3FF



FFBFFF

Sweetspot

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



FFFF52



FFFFCC



FF5252



808061



000000



808080

Same Dimension

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



FFFF52



FFFF30



A9FF52



808073



BFBF00



404000

Inverse Universe

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



5252FF



3030FF



A952FF



737380



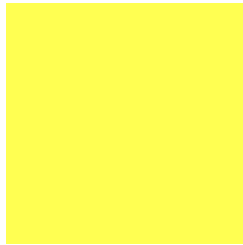
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF52 looks on a white background.

Color Contrast Check

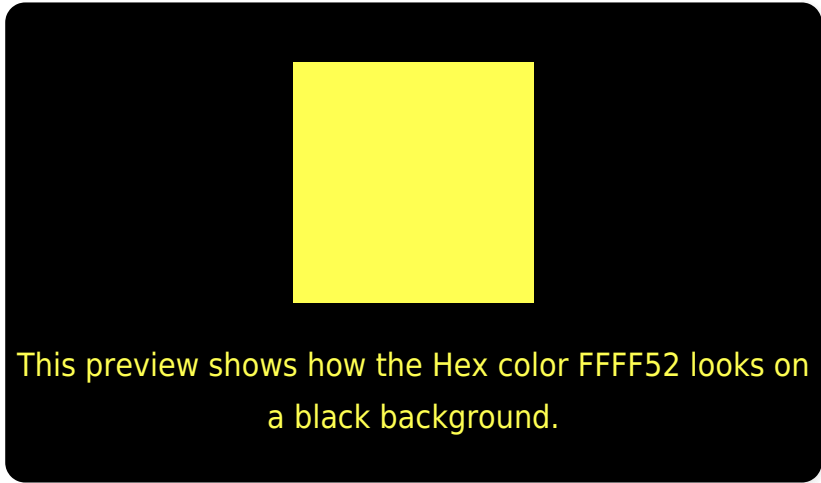
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FFFF52 Background



This preview shows how black text looks on a background with the Hex color FFFF52.

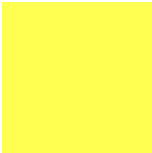
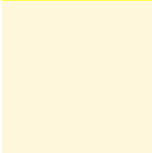
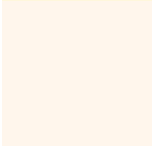


This preview shows how white text looks on a background with the Hex color FFFF52.

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](#).

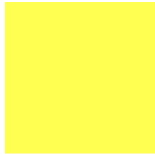
Dichromacy

	Original Color FFFF52
	Protanopia FFF7DC
	Deuteranopia FFF6EC



Tritanopia
FFF4FA

Trichromacy



Original Color
FFFF52



Protanomaly
FFFAAA



Deuteranomaly
FFF9B4

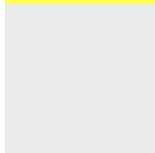


Tritanomaly
FFF8BD

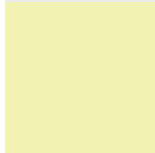
Monochromacy



Original Color
FFFF52



Achromatopsia
EBEBEB



Achromatomaly
F2F2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF52 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 #FFFF52 looks like.

```
.text, #text, p{  
  color:#FFFF52  
}
```

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 #FFFF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF52
}
```

Border

The CSS property to change the border of an element to Hex FFFF52 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
#FFFF52 }
```

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

```
.border{ border-color:#FFFF52 }
```

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

Here you see how a box with a 4 pixel #FFFF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF52; -webkit-box-shadow:4px 4px  
4px 4px #FFFF52; box-shadow:4px 4px 4px  
4px #FFFF52 }
```

Background

The CSS property to change the background color of an element to Hex FFFF52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF52 }
```

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

```
.background{ background-color:#FFFF52 }
```

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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