

Converting Colors

Hex(FFFF58)

Have a look what the booklet for
Hex(FFFF58) contains.

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Color

Hex(FFFF58)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF58
RGB	255, 255, 88
RGB Percent	100%, 100%, 35%
CMY	0.0000, 0.0000, 0.6549
CMYK	0.00, 0.00, 0.65, 0.00
HSL	60°, 100%, 67%
HSV	60°, 65%, 100%
XYZ	78.7615, 93.4846, 23.1257
YIQ	235.9620, 53.6070, -51.9370

Conversions

Conversions Part 2

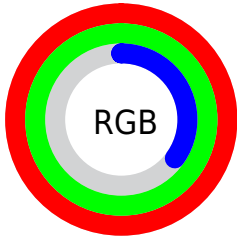
Format	Color
R _Y B	88, 255, 88
Decimal	16777048
CIE Lab	97.42, -19.26, 76.23
CIE LCh	97, 78.626, 104.179
Yxy	93.4846, 0.4031, 0.4785
Android (android.graphics.Color)	4294967128 (0xFFFFFFFF58)
YUV	235.9620, -72.9453, 16.6963
Hunter-Lab	96.6874, -23.7971, 53.5002

Details

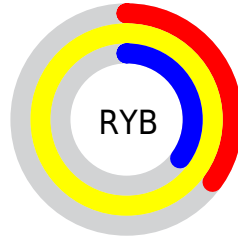
The Hex color **FFFF58** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5858FF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFF92**, and **C3C710** is the 20% darker color. If you saturate the color by 10%, you get **FFFF3F**, and if you desaturate by 10%, it is **FFFF72**.

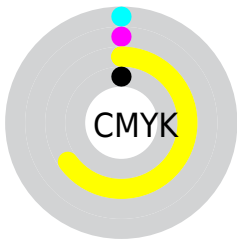
Distribution



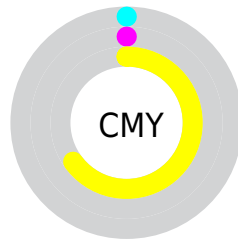
- Red (100%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF58 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 FFFF58 by changing the saturation by 10% instead.

 FFFF58

 FFFF58

FFFFFF

 E1E239


 FFFF92

 C3C710

 FFFFAE


 A5AB00

 FFFF CB

 899100

 FFFF E9

 6C7700

 515F00

 354700

 1B3100

 001D00

 FFFF58

 FFFF58

 FFFF3F

 FFFF72

 FFFF25

 FFFF8B

 FFFF0C

 FFFFA5

 FFFF00

 FFFFBE

 FFFFD8

 FFFFF1

FFFFFF

Harmonies

Analogous

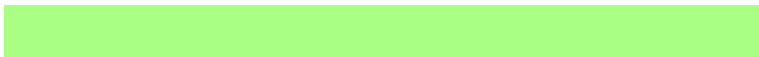
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE55F



FFFF58



A9FF84

Triad

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



FFFF58



00FFFF



FFB9FF

Complementary

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



FFFF58



5858FF

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.



FFD4FF



FFFF58



00FFFF

Square

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



FFFF58



00FFFF



B0F3FF



FFB4D6

Rectangle

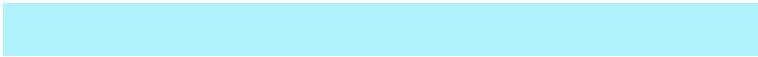
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF58



50FFB2



B0F3FF



FFC1FF

Sweetspot

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



FFFF58



FFFFCC



FF5858



808061



000000



808080

Same Dimension

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



FFFF58



FFFF36



ACFF58



808073



BFBF00



404000

Inverse Universe

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



5858FF



3636FF



AC58FF



737380



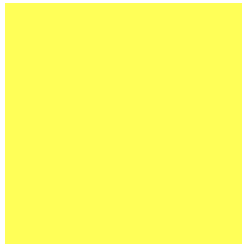
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF58 looks on a white background.

Color Contrast Check

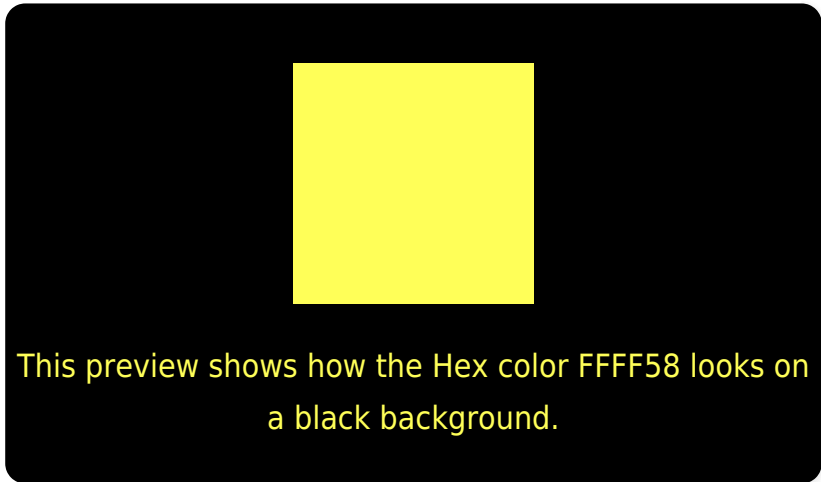
Large Text (above 18pt) WCAG AA × Fail

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 FFFF58 Background



This preview shows how black text looks on a background with the Hex color FFFF58.



This preview shows how white text looks on a background with the Hex color FFFF58.

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
FFFF58

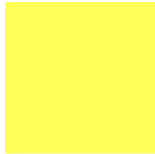
Protanopia
FFF7DC

Deuteranopia
FFF6EC



Tritanopia
FFF5FB

Trichromacy



Original Color
FFFF58



Protanomaly
FFFAAC



Deuteranomaly
FFF9B6

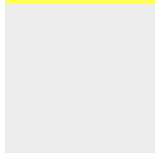


Tritanomaly
FFF9C0

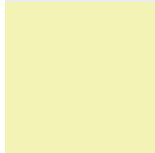
Monochromacy



Original Color
FFFF58



Achromatopsia
ECECEC



Achromatomaly
F3F3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF58 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 #FFFF58 looks like.

```
.text, #text, p{  
    color:#FFFF58  
}
```

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 #FFFF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF58
}
```

Border

The CSS property to change the border of an element to Hex FFFF58 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
#FFFF58 }
```

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

```
.border{ border-color:#FFFF58 }
```

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

Here you see how a box with a 4 pixel #FFFF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF58; -webkit-box-shadow:4px 4px  
4px 4px #FFFF58; box-shadow:4px 4px 4px  
4px #FFFF58 }
```

Background

The CSS property to change the background color of an element to Hex FFFF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF58 }
```

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

```
.background{ background-color:#FFFF58 }
```

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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