

Converting Colors

Hex(FFFF36)

Have a look what the booklet for
Hex(FFFF36) contains.

| | |
|--|----|
| Hex(FFFF36) | 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(FFFF36)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFF36 |
| RGB | 255, 255, 54 |
| RGB Percent | 100%, 100%, 21% |
| CMY | 0.0000, 0.0000, 0.7882 |
| CMYK | 0.00, 0.00, 0.79, 0.00 |
| HSL | 60°, 100%, 61% |
| HSV | 60°, 79%, 100% |
| XYZ | 77.6659, 93.0463, 17.3563 |
| YIQ | 232.0860, 64.5210, -62.5110 |

Conversions

Conversions Part 2

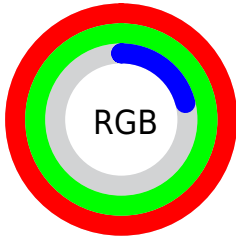
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 54, 255, 54 |
| Decimal | 16777014 |
| CIE Lab | 97.25, -20.68, 86.81 |
| CIE LCh | 97, 89.241, 103.401 |
| Yxy | 93.0463, 0.4130, 0.4947 |
| Android (android.graphics.Color) | 4294967094 (0xFFFFFFFF36) |
| YUV | 232.0860, -87.7964, 20.0956 |
| Hunter-Lab | 96.4605, -25.0854, 56.8542 |

Details

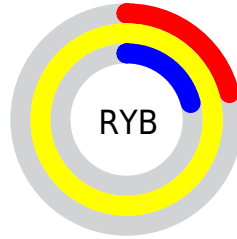
The Hex color **FFFF36** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3636FF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFF76**, and **C2C700** is the 20% darker color. If you saturate the color by 10%, you get **FFFF1C**, and if you desaturate by 10%, it is **FFFF50**.

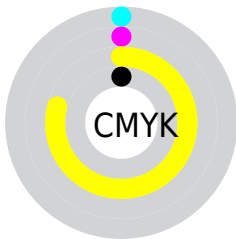
Distribution



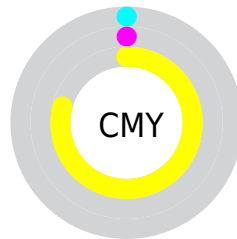
- Red (100%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF36 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 FFFF36 by changing the saturation by 10% instead.

 FFFF36

 FFFF36

FFFFFF

 E0E200

 FFFF76

 C2C700

 FFFF94

 A4AB00

 FFFFB2

 879100

 FFFFCE

 6A7800

 FFFFEE

 4E5F00

 334700

 183100

 001D00

 FFFF36

 FFFF36

 FFFF1C

 FFFF50

 FFFF03

 FFFF69

 FFFF00

 FFFF83

 FFFF9C

 FFFFB5

 FFFFCE

 FFFFEE

FFFFFF

Harmonies

Analogous

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



FFE144



FFFF36



9DFF70

Triad

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



FFFF36



00FFFF



FFADFF

Complementary

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



FFFF36



3636FF

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.



FFCFFF



FFFF36



00FFFF

Square

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



FFFF36



00FFFF



93F4FF



FFA5D4

Rectangle

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



FFFF36



00FFA5



93F4FF



FFB6FF

Sweetspot

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



FFFF36



FFFFC2



FF3636



80805B



000000



808080

Same Dimension

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



FFFF36



FFFF0D



9BFF36



808073



BFBF00



404000

Inverse Universe

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



3636FF



0D0DFF



9B36FF



737380



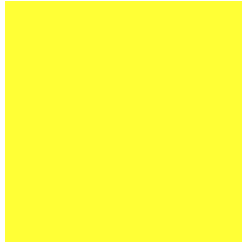
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF36 looks on a white background.

Color Contrast Check

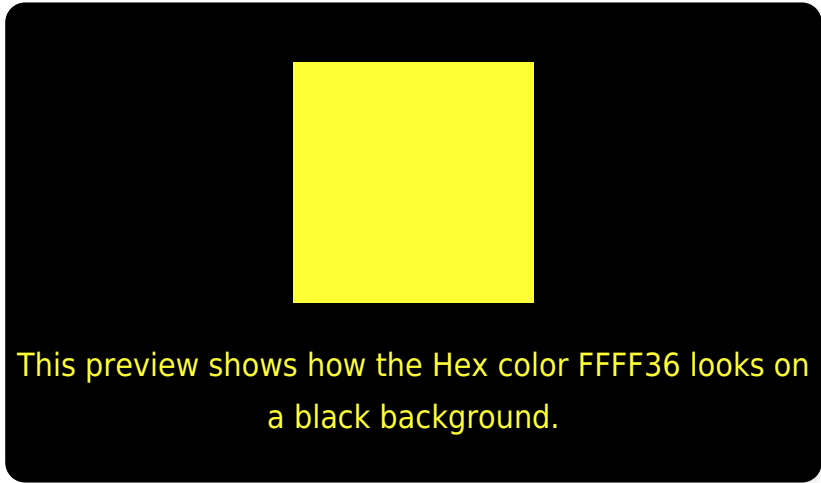
Large Text (above 18pt) WCAG AA × Fail

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 FFFF36 Background



This preview shows how black text looks on a background with the Hex color FFFF36.



This preview shows how white text looks on a background with the Hex color FFFF36.

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
FFF336

Protanopia
FFF7DA

Deuteranopia
FFF5EA

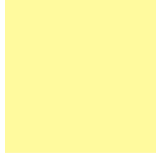


Tritanopia
FFF4FA

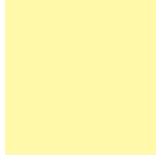
Trichromacy



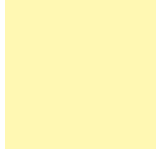
Original Color
FFFF36



Protanomaly
FFFA9E



Deuteranomaly
FFF9A9

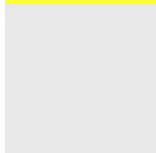


Tritanomaly
FFF8B3

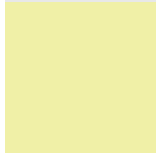
Monochromacy



Original Color
FFFF36



Achromatopsia
E8E8E8



Achromatomaly
F0F0A7

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF36 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 #FFFF36 looks like.

```
.text, #text, p{  
    color:#FFFF36  
}
```

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 #FFFF36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF36
}
```

Border

The CSS property to change the border of an element to Hex FFFF36 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
#FFFF36 }
```

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

```
.border{ border-color:#FFFF36 }
```

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

Here you see how a box with a 4 pixel #FFFF36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF36; -webkit-box-shadow:4px 4px  
4px 4px #FFFF36; box-shadow:4px 4px 4px  
4px #FFFF36 }
```

Background

The CSS property to change the background color of an element to Hex FFFF36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF36 }
```

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

```
.background{ background-color:#FFFF36 }
```

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