

Converting Colors

Hex(72FF14)

Have a look what the booklet for
Hex(72FF14) contains.

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Color

Hex(72FF14)

Conversions

Conversions Part 1

Format	Color
Hex	72FF14
RGB	114, 255, 20
RGB Percent	45%, 100%, 8%
CMY	0.5529, 0.0000, 0.9216
CMYK	0.55, 0.00, 0.92, 0.00
HSL	96°, 100%, 54%
HSV	96°, 92%, 100%
XYZ	42.8257, 75.1479, 12.9097
YIQ	186.0510, -8.6010, -102.9770

Conversions

Conversions Part 2

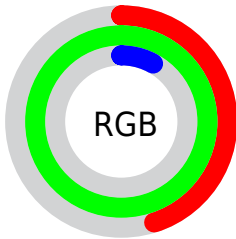
Format	Color
RYB	20, 255, 161
Decimal	7536404
CIELab	89.46, -71.26, 83.58
CIELCh	89, 109.833, 130.452
Yxy	75.1479, 0.3272, 0.5742
Android (android.graphics.Color)	4285726484 (0xFF72FF14)
YUV	186.0510, -81.8631, -63.1887
Hunter-Lab	86.6879, -63.5210, 51.8520

Details

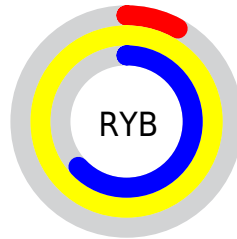
The Hex color **72FF14** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **A114FF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B2FF62**, and **1FC500** is the 20% darker color. If you saturate the color by 10%, you get **66FF00**, and if you desaturate by 10%, it is **81FF2E**.

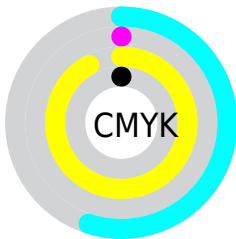
Distribution



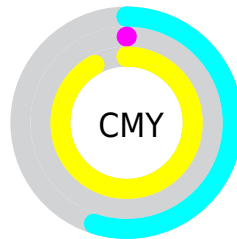
- Red (45%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72FF14 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 72FF14 by changing the saturation by 10% instead.

 72FF14

 72FF14

FFFFFF

 4FE200

 B2FF62

 1FC500

 D2FF80

 00A900

 F1FF9E

 008D00

 FFFFBC

 007300

 FFFFDA

 005800

 FFFFF8

 004000

 002700

 000000

 72FF14

 72FF14

 66FF00

 81FF2E

 91FF47

 A0FF61

 AFFF7A

 BFFF93

 CEFFAD

 DDFFC7

 ECFFE0

 FCFFFA

Harmonies

Analogous

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



ECE800



72FF14



00FF96

Triad

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



72FF14



00FFFF



FF62C1

Complementary

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



72FF14



A114FF

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.



FF78FF



72FF14



00E2FF

Square

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



72FF14



00FFFF



FFB2FF



FF8E5C

Rectangle

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



72FF14



00FFDF



FFB2FF



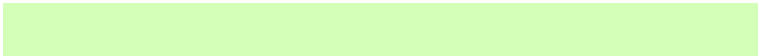
FF61E4

Sweetspot

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



72FF14



D4FFB8



FFA114



658054



000000



808080

Same Dimension

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



72FF14



66FF00



14FF2B



788073



4CBF00



194000

Inverse Universe

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



A114FF



9900FF



FF14E8



7A7380



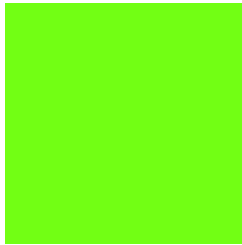
7300BF



260040

Previews

White Background



This preview shows how the Hex color 72FF14 looks on a white background.

Color Contrast Check

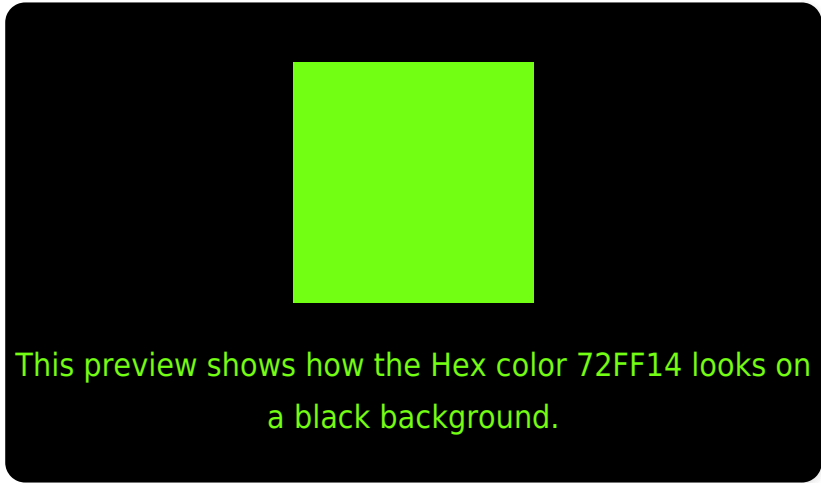
Large Text (above 18pt) WCAG AA × Fail

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

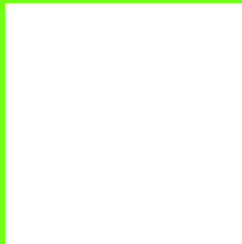
Any Text WCAG AAA ✓ Pass

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

Hex 72FF14 Background



This preview shows how black text looks on a background with the Hex color 72FF14.

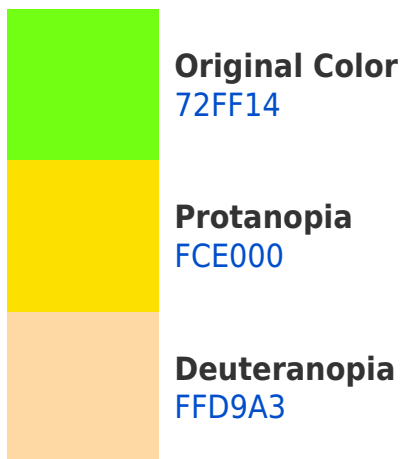


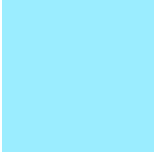
This preview shows how white text looks on a background with the Hex color 72FF14.

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](#).

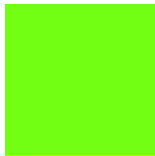
Dichromacy





Tritanopia
9BEDFF

Trichromacy



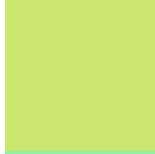
Original Color

72FF14



Protanomaly

CAEB07



Deuteranomaly

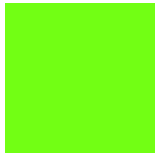
CCE76F



Tritanomaly

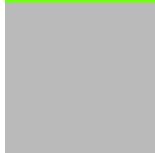
8CF4AA

Monochromacy



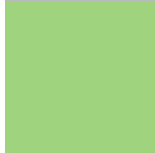
Original Color

72FF14



Achromatopsia

BABABA



Achromatomaly

A0D37E

CSS Examples

Text

The CSS property to change the color of the text to Hex 72FF14 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 #72FF14 looks like.

```
.text, #text, p{  
    color:#72FF14  
}
```

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 #72FF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FF14
}
```

Border

The CSS property to change the border of an element to Hex 72FF14 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
#72FF14 }
```

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

```
.border{ border-color:#72FF14 }
```

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

Here you see how a box with a 4 pixel #72FF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FF14; -webkit-box-shadow:4px 4px  
4px 4px #72FF14; box-shadow:4px 4px 4px  
4px #72FF14 }
```

Background

The CSS property to change the background color of an element to Hex 72FF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FF14 }
```

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

```
.background{ background-color:#72FF14 }
```

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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