

Converting Colors

Hex(40FF62)

Have a look what the booklet for
Hex(40FF62) contains.

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Color

Hex(40FF62)

Conversions

Conversions Part 1

Format	Color
Hex	40FF62
RGB	64, 255, 98
RGB Percent	25%, 100%, 38%
CMY	0.7490, 0.0000, 0.6157
CMYK	0.75, 0.00, 0.62, 0.00
HSL	131°, 100%, 63%
HSV	131°, 75%, 100%
XYZ	40.0790, 73.4918, 23.6282
YIQ	179.9930, -63.4390, -89.3190

Conversions

Conversions Part 2

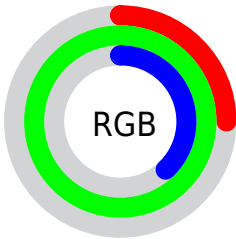
Format	Color
RYB	64, 226, 255
Decimal	4259682
CIELab	88.68, -76.27, 60.30
CIELCh	89, 97.230, 141.671
Yxy	73.4918, 0.2921, 0.5357
Android (android.graphics.Color)	4282449762 (0xFF40FF62)
YUV	179.9930, -40.4225, -101.7259
Hunter-Lab	85.7274, -66.5712, 43.6676

Details

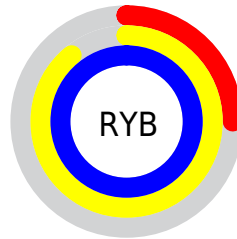
The Hex color **40FF62** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF40DD**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8BFF99**, and **00C528** is the 20% darker color. If you saturate the color by 10%, you get **26FF4D**, and if you desaturate by 10%, it is **5AFF77**.

Distribution



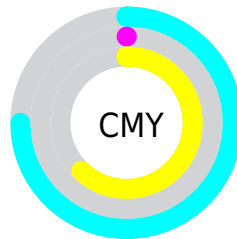
- Red (25%)
- Green (100%)
- Blue (38%)



- Red (25%)
- Yellow (89%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40FF62 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 40FF62 by changing the saturation by 10% instead.

 40FF62

 40FF62

FFFFFF

 00E246

 8BFF99

 00C528

 ABFFB6

 00A800

 CBFFD2

 008D00

 EBFFF0

 007200

 005700

 003F00

 002500

 000000

 40FF62

 40FF62

 26FF4D

 5AFF77

 0DFF38

 73FF8C

 00FF2D

 8DFFA1

 A6FFB6

 C0FFCB

 D9FFE0

 F3FFF5

FFFFFF

Harmonies

Analogous

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



C9EE00



40FF62



00FC1

Triad

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



40FF62



00F1FF



FF83A0

Complementary

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



40FF62



FF40DD

Split Complementary

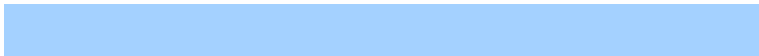
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7FFD



40FF62



A4D1FF

Square

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



40FF62



00FFFF



FFA5FF



FFA94B

Rectangle

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



40FF62



00FFFF



FFA5FF



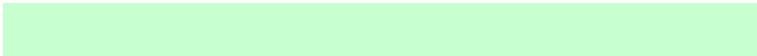
FF7CBE

Sweetspot

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



40FF62



C7FFD1



DFFF40



5E8064



000000



808080

Same Dimension

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



40FF62



19FF42



40FFBF



738075



00BF22



00400B

Inverse Universe

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



FF40DD



FF19D6



FF4080



80737D



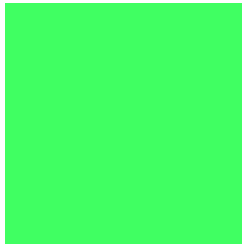
BF009D



400034

Previews

White Background



This preview shows how the Hex color 40FF62 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



This preview shows how the Hex color 40FF62 looks on a 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 40FF62 Background



This preview shows how black text looks on a background with the Hex color 40FF62.

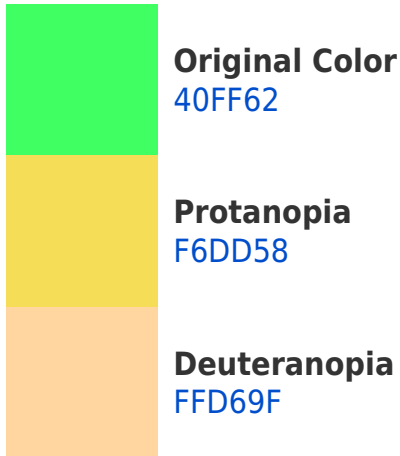


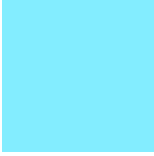
This preview shows how white text looks on a background with the Hex color 40FF62.

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](#).

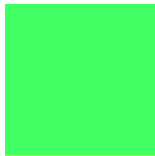
Dichromacy





Tritanopia
83EDFF

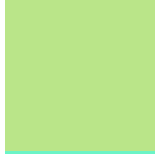
Trichromacy



Original Color
40FF62



Protanomaly
B4E95C



Deuteranomaly
BAE589



Tritanomaly
6BF4C6

Monochromacy



Original Color
40FF62



Achromatopsia
B4B4B4



Achromatomaly
8ACF96

CSS Examples

Text

The CSS property to change the color of the text to Hex 40FF62 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 #40FF62 looks like.

```
.text, #text, p{  
    color:#40FF62  
}
```

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 #40FF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40FF62
}
```

Border

The CSS property to change the border of an element to Hex 40FF62 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
#40FF62 }
```

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

```
.border{ border-color:#40FF62 }
```

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

Here you see how a box with a 4 pixel #40FF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40FF62; -webkit-box-shadow:4px 4px  
4px 4px #40FF62; box-shadow:4px 4px 4px  
4px #40FF62 }
```

Background

The CSS property to change the background color of an element to Hex 40FF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40FF62 }
```

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

```
.background{ background-color:#40FF62 }
```

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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