

Converting Colors

Hex(46FF25)

Have a look what the booklet for
Hex(46FF25) contains.

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Color

Hex(46FF25)

Conversions

Conversions Part 1

Format	Color
Hex	46FF25
RGB	70, 255, 37
RGB Percent	27%, 100%, 15%
CMY	0.7255, 0.0000, 0.8549
CMYK	0.73, 0.00, 0.85, 0.00
HSL	111°, 100%, 57%
HSV	111°, 85%, 100%
XYZ	38.6197, 72.9557, 13.7967
YIQ	174.8330, -40.2820, -107.0180

Conversions

Conversions Part 2

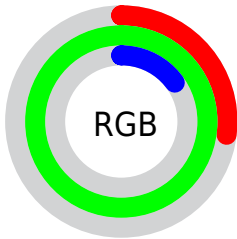
Format	Color
R_{YB}	37, 255, 222
Decimal	4652837
CIE _{Lab}	88.43, -79.78, 79.59
CIE _{LCh}	88, 112.693, 135.068
Yxy	72.9557, 0.3080, 0.5819
Android (android.graphics.Color)	4282842917 (0xFF46FF25)
YUV	174.8330, -67.9517, -91.9385
Hunter-Lab	85.4141, -68.7664, 50.2129

Details

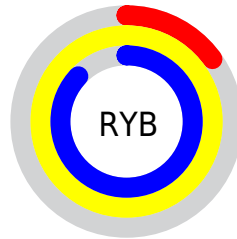
The Hex color **46FF25** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DE25FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **90FF69**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **30FF0C**, and if you desaturate by 10%, it is **5CFF3F**.

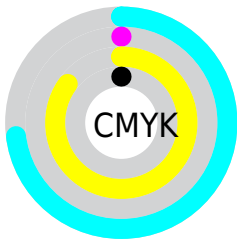
Distribution



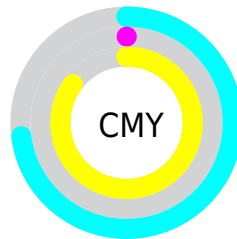
- Red (27%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (87%)



- Cyan (73%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46FF25 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 46FF25 by changing the saturation by 10% instead.

 46FF25

 46FF25

FFFFFF

 00E200

 90FF69

 00C500

 B1FF87

 00A800

 D2FFA4

 008D00

 F2FFC2

 007100

 FFFFEO

 005700

FFFFFFE

 003F00

 002400

 000000

 46FF25

 46FF25

 30FF0C

 5CFF3F

 27FF00

 71FF58

 87FF72

 9DFF8B

 B2FFA5

 C8FFBE

 DDFFD8

 F3FFF1

FFFFFF

Harmonies

Analogous

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



D9EA00



46FF25



00FFA2

Triad

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



46FF25



00FAFF



FF5AAD

Complementary

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



46FF25



DE25FF

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.



FF66FF



46FF25



00D9FF

Square

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



46FF25



00FFFF



FFA4FF



FF9045

Rectangle

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



46FF25



00FFEE



FFA4FF



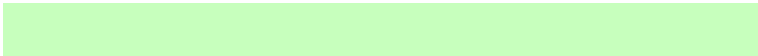
FF53D1

Sweetspot

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



46FF25



C7FFBD



FFDB25



5E8058



000000



808080

Same Dimension

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



46FF25



27FF00



25FF6E



758073



1DBF00



0A4000

Inverse Universe

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



DE25FF



D800FF



FF25B6



7E7380



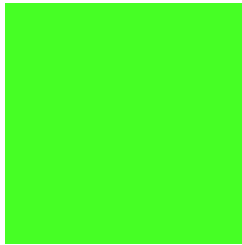
A200BF



360040

Previews

White Background



This preview shows how the Hex color 46FF25 looks on a white background.

Color Contrast Check

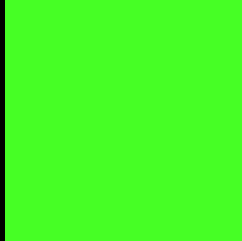
Large Text (above 18pt) WCAG AA × Fail

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 46FF25 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 46FF25 Background



This preview shows how black text looks on a background with the Hex color 46FF25.

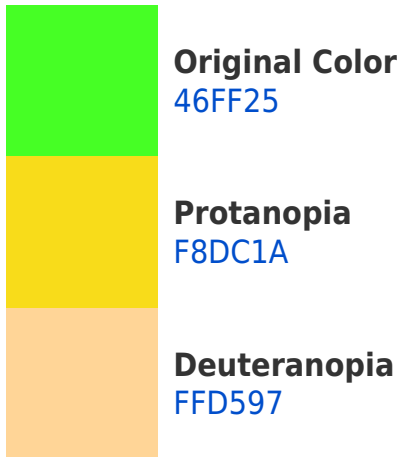


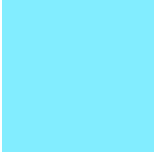
This preview shows how white text looks on a background with the Hex color 46FF25.

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](#).

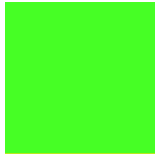
Dichromacy





Tritanopia
82EDFF

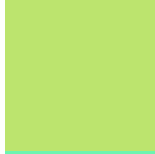
Trichromacy



Original Color
46FF25



Protanomaly
B7E91E

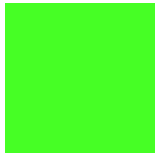


Deuteranomaly
BCE46E

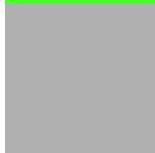


Tritanomaly
6CF4B0

Monochromacy



Original Color
46FF25



Achromatopsia
AFAFAF



Achromatomaly
89CC7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 46FF25 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 #46FF25 looks like.

```
.text, #text, p{  
    color:#46FF25  
}
```

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 #46FF25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46FF25
}
```

Border

The CSS property to change the border of an element to Hex 46FF25 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
#46FF25 }
```

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

```
.border{ border-color:#46FF25 }
```

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

Here you see how a box with a 4 pixel #46FF25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46FF25; -webkit-box-shadow:4px 4px  
4px 4px #46FF25; box-shadow:4px 4px 4px  
4px #46FF25 }
```

Background

The CSS property to change the background color of an element to Hex 46FF25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46FF25 }
```

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

```
.background{ background-color:#46FF25 }
```

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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