

Converting Colors

Hex(4F5310)

Have a look what the booklet for
Hex(4F5310) contains.

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Color

Hex(4F5310)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4F5310 |
| RGB | 79, 83, 16 |
| RGB Percent | 31%, 33%, 6% |
| CMY | 0.6902, 0.6745, 0.9373 |
| CMYK | 0.05, 0.00, 0.81, 0.67 |
| HSL | 64°, 68%, 19% |
| HSV | 64°, 81%, 33% |
| XYZ | 6.4112, 7.8862, 1.6745 |
| YIQ | 74.1660, 19.1230, -21.6850 |

Conversions

Conversions Part 2

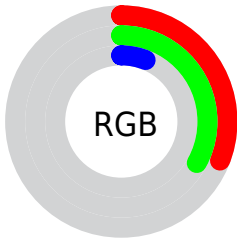
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 16, 83, 20 |
| Decimal | 5198608 |
| CIELab | 33.74, -10.88, 36.03 |
| CIELCh | 34, 37.638, 106.806 |
| Yxy | 7.8862, 0.4014, 0.4938 |
| Android (android.graphics.Color) | 4283388688 (0xFF4F5310) |
| YUV | 74.1660, -28.6758, 4.2394 |
| Hunter-Lab | 28.0824, -8.3924, 16.1223 |

Details

The Hex color **4F5310** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **141053**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **828440**, and **1F2600** is the 20% darker color. If you saturate the color by 10%, you get **4F5308**, and if you desaturate by 10%, it is **4F5318**.

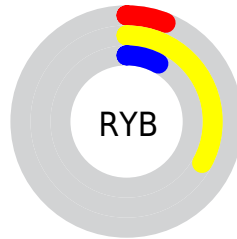
Distribution



Red (31%)

Green (33%)

Blue (6%)



Red (6%)

Yellow (33%)

Blue (8%)

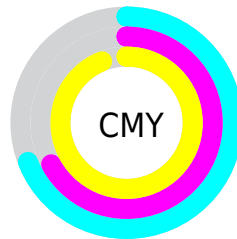


Cyan (5%)

Magenta (0%)

Yellow (81%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5310 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 4F5310 by changing the saturation by 10% instead.

 4F5310

 4F5310

 FFFFFB

 373C00


 828440

 1F2600

 9D9E59

 001300

 B9B972

 000000

 D5D58C

 F2F1A7

 FFFFC2

 FFFFDF

 4F5310

 4F5310

■ 4F5308

■ 4F5318

■ 4E5300

■ 505321

■ 505329

■ 515331

■ 515339

■ 525342

■ 52534A

■ 535352

■ 53535B

Harmonies

Analogous

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



6A4911



4F5310



2C5924

Triad

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



4F5310



005C7A



7F355E

Complementary

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



4F5310



141053

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.



664078



4F5310



005689

Square

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



4F5310



005E60



374D89



863440

Rectangle

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



4F5310



005C37



374D89



793867

Sweetspot

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



4F5310



6A6B51



531310



353626



B5B5B5



363636

Same Dimension

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



4F5310



656B03



2E5310



292925



626900



DAE800

Inverse Universe

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



141053



09036B



351053



252529



060069



0E00E8

Previews

White Background



This preview shows how the Hex color 4F5310 looks on a white background.

Color Contrast Check

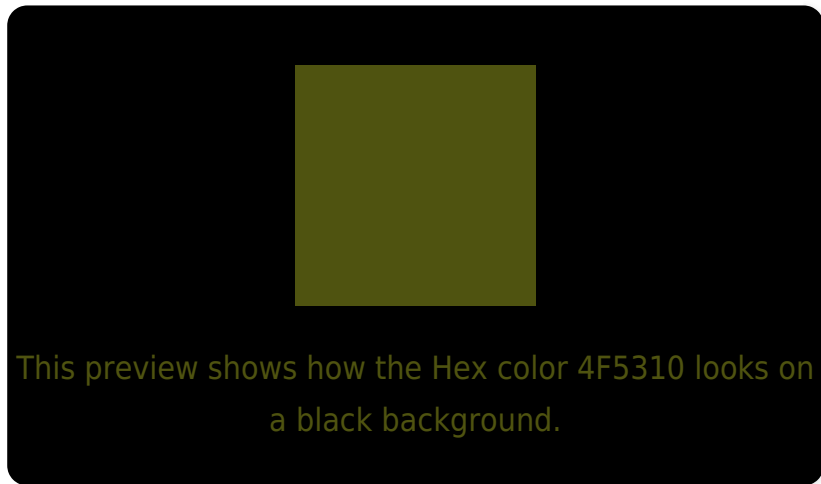
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

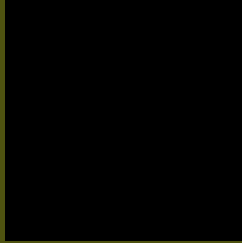
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4F5310 Background



This preview shows how black text looks on a background with the Hex color 4F5310.



This preview shows how white text looks on a background with the Hex color 4F5310.

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
4F5310

Protanopia
59500F

Deuteranopia
644B14



Tritanopia
554D53

Trichromacy



Original Color
4F5310

Protanomaly
55510F

Deuteranomaly
5C4E13

Tritanomaly
534F3B

Monochromacy



Original Color
4F5310

Achromatopsia
4A4A4A

Achromatomaly
4C4D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5310 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 #4F5310 looks like.

```
.text, #text, p{  
    color:#4F5310  
}
```

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 #4F5310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5310
}
```

Border

The CSS property to change the border of an element to Hex 4F5310 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
#4F5310 }
```

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

```
.border{ border-color:#4F5310 }
```

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

Here you see how a box with a 4 pixel #4F5310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5310; -webkit-box-shadow:4px 4px  
4px 4px #4F5310; box-shadow:4px 4px 4px  
4px #4F5310 }
```

Background

The CSS property to change the background color of an element to Hex 4F5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5310 }
```

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

```
.background{ background-color:#4F5310 }
```

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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