

Converting Colors

Hex(4A4D10)

Have a look what the booklet for
Hex(4A4D10) contains.

Hex(4A4D10)	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(4A4D10)

Conversions

Conversions Part 1

Format	Color
Hex	4A4D10
RGB	74, 77, 16
RGB Percent	29%, 30%, 6%
CMY	0.7098, 0.6980, 0.9373
CMYK	0.04, 0.00, 0.79, 0.70
HSL	63°, 66%, 18%
HSV	63°, 79%, 30%
XYZ	5.5714, 6.8010, 1.5093
YIQ	69.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

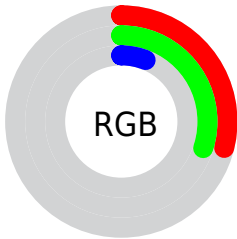
Format	Color
RYB	16, 77, 19
Decimal	4869392
CIELab	31.35, -9.86, 33.59
CIElCh	31, 35.012, 106.364
Yxy	6.8010, 0.4014, 0.4899
Android (android.graphics.Color)	4283059472 (0xFF4A4D10)
YUV	69.1490, -26.2025, 4.2543
Hunter-Lab	26.0787, -7.5032, 14.8238

Details

The Hex color **4A4D10** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13104D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7D7E3F**, and **1B2100** is the 20% darker color. If you saturate the color by 10%, you get **4A4D08**, and if you desaturate by 10%, it is **4A4D18**.

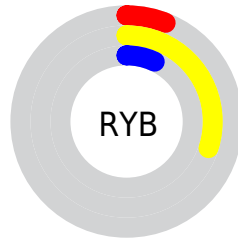
Distribution



Red (29%)

Green (30%)

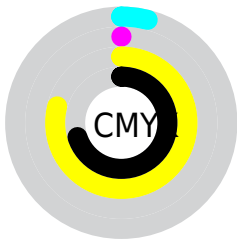
Blue (6%)



Red (6%)

Yellow (30%)

Blue (7%)

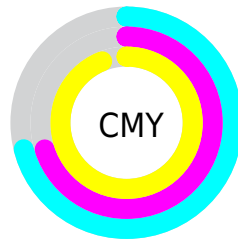


Cyan (4%)

Magenta (0%)

Yellow (79%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4D10 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 4A4D10 by changing the saturation by 10% instead.

 4A4D10

 4A4D10

 FFFFFA

 333600

 7D7E3F

 1B2100

 979858

 000900

 B3B271

 000000

 CFCE8B

 EBEEA5

 FFFFC1

 FFFFDD

 4A4D10

 4A4D10

■ 4A4D08

■ 4A4D18

■ 494D01

■ 4B4D1F

■ 494D00

■ 4B4D27

■ 4C4D2F

■ 4C4D37

■ 4C4D3E

■ 4D4D46

■ 4D4D4E

■ 4D4D55

Harmonies

Analogous

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



634411



4A4D10



2A5322

Triad

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



4A4D10



005571



753257

Complementary

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



4A4D10



13104D

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.



5E3C70



4A4D10



00507F

Square

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



4A4D10



005758



33487E



7C313C

Rectangle

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



4A4D10



005533



33487E



703560

Sweetspot

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



4A4D10



62634C



4D1210



323324



B3B3B3



333333

Same Dimension

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



4A4D10



5F6305



2C4D10



262622



616600



DAE600

Inverse Universe

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



13104D



0A0563



31104D



232226



050066



0B00E6

Previews

White Background



This preview shows how the Hex color 4A4D10 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

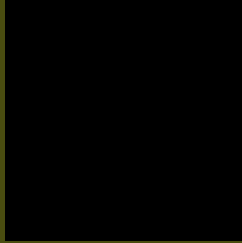
Any Text WCAG AA × Fail

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 4A4D10 Background



This preview shows how black text looks on a background with the Hex color 4A4D10.



This preview shows how white text looks on a background with the Hex color 4A4D10.

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](#).

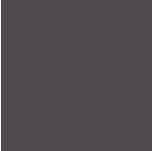
Dichromacy



Original Color
4A4D10

Protanopia
534A0F

Deuteranopia
5D4614



Tritanopia
4F484D

Trichromacy



Original Color
4A4D10

Protanomaly
504B0F

Deuteranomaly
564913

Tritanomaly
4D4A37

Monochromacy



Original Color
4A4D10

Achromatopsia
454545

Achromatomaly
474832

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4D10 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 #4A4D10 looks like.

```
.text, #text, p{  
    color:#4A4D10  
}
```

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 #4A4D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4D10
}
```

Border

The CSS property to change the border of an element to Hex 4A4D10 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
#4A4D10 }
```

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

```
.border{ border-color:#4A4D10 }
```

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

Here you see how a box with a 4 pixel #4A4D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4D10; -webkit-box-shadow:4px 4px  
4px 4px #4A4D10; box-shadow:4px 4px 4px  
4px #4A4D10 }
```

Background

The CSS property to change the background color of an element to Hex 4A4D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4D10 }
```

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

```
.background{ background-color:#4A4D10 }
```

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