

Converting Colors

Hex(438216)

Have a look what the booklet for
Hex(438216) contains.

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Color

Hex(438216)

Conversions

Conversions Part 1

Format	Color
Hex	438216
RGB	67, 130, 22
RGB Percent	26%, 51%, 9%
CMY	0.7373, 0.4902, 0.9137
CMYK	0.48, 0.00, 0.83, 0.49
HSL	95°, 71%, 30%
HSV	95°, 83%, 51%
XYZ	10.4422, 17.2165, 3.5318
YIQ	98.8510, -2.8800, -46.9440

Conversions

Conversions Part 2

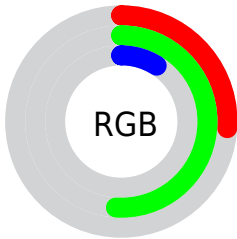
Format	Color
R_{YB}	22, 130, 85
Decimal	4424214
CIE Lab	48.53, -38.68, 47.48
CIE LCh	49, 61.241, 129.171
Yxy	17.2165, 0.3348, 0.5520
Android (android.graphics.Color)	4282614294 (0xFF438216)
YUV	98.8510, -37.8875, -27.9333
Hunter-Lab	41.4927, -27.6905, 23.9982

Details

The Hex color **438216** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **551682**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **79B84C**, and **045000** is the 20% darker color. If you saturate the color by 10%, you get **3B8209**, and if you desaturate by 10%, it is **4B8223**.

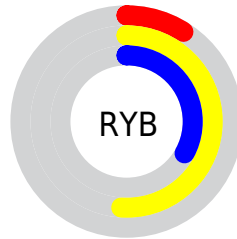
Distribution



Red (26%)

Green (51%)

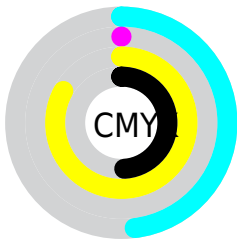
Blue (9%)



Red (9%)

Yellow (51%)

Blue (33%)

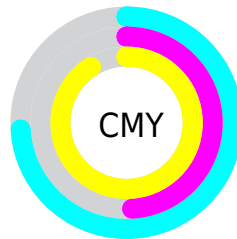


Cyan (48%)

Magenta (0%)

Yellow (83%)

Black (49%)



Cyan (74%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438216 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 438216 by changing the saturation by 10% instead.



438216



438216

FFFFFF



276800



79B84C



045000



95D366



003800



B1F080



002400



CDFF9B



000000



EAFB7



FFFD3



FFFFF0



438216



438216

■ 3B8209

■ 4B8223

■ 368200

■ 528230

■ 5A823D

■ 61824A

■ 698257

■ 718264

■ 788271

■ 80827E

■ 87828B

Harmonies

Analogous

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



7C7600



438216



00884C

Triad

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



438216



0083D4



CF3A66

Complementary

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



438216



551682

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.



BC4499



438216



0074DA

Square

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



438216



0089B4



885EC4



C54B34

Rectangle

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



438216



008A70



885EC4



CC3A77

Sweetspot

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



438216



90A87E



825516



45543B



D4D4D4



545454

Same Dimension

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



438216



46A800



16821F



3C4039



358000



000000

Inverse Universe

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



551682



6200A8



821679



3D3940



4A0080



000000

Previews

White Background



This preview shows how the Hex color 438216 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 438216 Background



This preview shows how black text looks on a background with the Hex color 438216.



This preview shows how white text looks on a background with the Hex color 438216.

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
547983

Trichromacy



Original Color
438216

Protanomaly
6A7813

Deuteranomaly
74751E

Tritanomaly
4E7C5B

Monochromacy



Original Color
438216

Achromatopsia
636363

Achromatomaly
576E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 438216 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 #438216 looks like.

```
.text, #text, p{  
    color:#438216  
}
```

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 #438216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438216
}
```

Border

The CSS property to change the border of an element to Hex 438216 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
#438216 }
```

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

```
.border{ border-color:#438216 }
```

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

Here you see how a box with a 4 pixel #438216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438216; -webkit-box-shadow:4px 4px  
4px 4px #438216; box-shadow:4px 4px 4px  
4px #438216 }
```

Background

The CSS property to change the background color of an element to Hex 438216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438216 }
```

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

```
.background{ background-color:#438216 }
```

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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