

Converting Colors

Hex(5A6435)

Have a look what the booklet for
Hex(5A6435) contains.

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Color

Hex(5A6435)

Conversions

Conversions Part 1

Format	Color
Hex	5A6435
RGB	90, 100, 53
RGB Percent	35%, 39%, 21%
CMY	0.6471, 0.6078, 0.7922
CMYK	0.10, 0.00, 0.47, 0.61
HSL	73°, 31%, 30%
HSV	73°, 47%, 39%
XYZ	9.4162, 11.5450, 5.1003
YIQ	91.6520, 9.1270, -16.7370

Conversions

Conversions Part 2

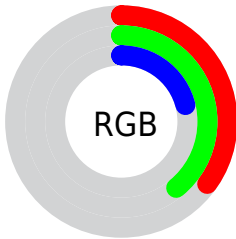
Format	Color
RYB	53, 100, 63
Decimal	5923893
CIELab	40.48, -12.11, 25.29
CIElCh	40, 28.039, 115.582
Yxy	11.5450, 0.3613, 0.4430
Android (android.graphics.Color)	4284113973 (0xFF5A6435)
YUV	91.6520, -19.0554, -1.4488
Hunter-Lab	33.9780, -9.9943, 14.8848

Details

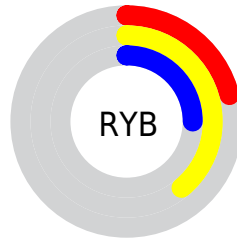
The Hex color **5A6435** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F3564**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8D9765**, and **2B3508** is the 20% darker color. If you saturate the color by 10%, you get **58642B**, and if you desaturate by 10%, it is **5C643F**.

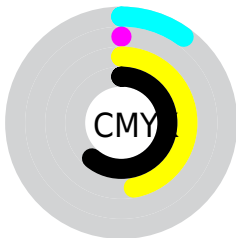
Distribution



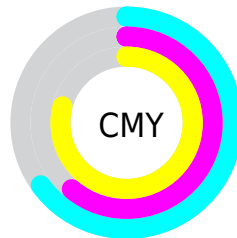
- Red (35%)
- Green (39%)
- Blue (21%)



- Red (21%)
- Yellow (39%)
- Blue (25%)



- Cyan (10%)
- Magenta (0%)
- Yellow (47%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6435 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 5A6435 by changing the saturation by 10% instead.



5A6435



5A6435

FFFFFF



424C1F



8D9765



2B3508



A8B27E



162000



C3CD98



000300



DFE9B3



000000



FCFFCF



FFFFEB



5A6435



5A6435



58642B



5C643F

■ 566421

■ 5E6449

■ 546417

■ 606453

■ 51640D

■ 63645D

■ 4F6403

■ 656467

■ 4F6400

■ 676471

■ 69647B

■ 6B6485

■ 6D648F

Harmonies

Analogous

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



715D31



5A6435



3F6945

Triad

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



5A6435



006885



894D64

Complementary

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



5A6435



3F3564

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.



79527A



5A6435



35638D

Square

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



5A6435



006B72



5D5B89



8B4E4D

Rectangle

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



5A6435



296B53



5D5B89



854E6B

Sweetspot

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



5A6435



7E8270



643E35



404237



C2C2C2



424242

Same Dimension

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



5A6435



738239



436435



32332E



5A7300



BFF200

Inverse Universe

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



3F3564



493982



563564



2F2E33



180073



3400F2

Previews

White Background



This preview shows how the Hex color 5A6435 looks on a white background.

Color Contrast Check

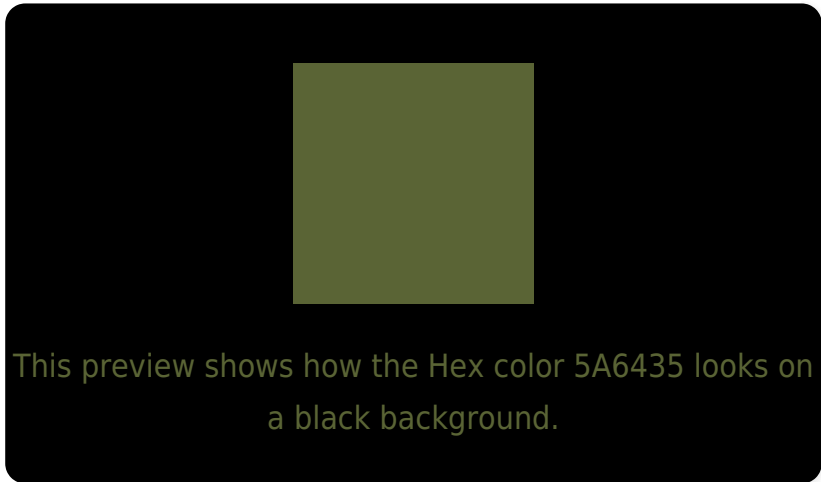
Large Text (above 18pt) WCAG AA ✓ Pass

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

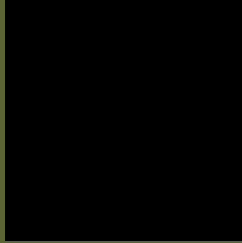
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

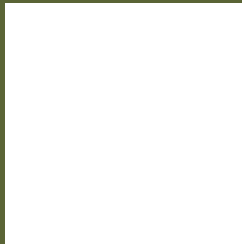
Any Text WCAG AAA × Fail

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

Hex 5A6435 Background



This preview shows how black text looks on a background with the Hex color 5A6435.



This preview shows how white text looks on a background with the Hex color 5A6435.

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
5A6435

Protanopia
695F33

Deuteranopia
745B37



Tritanopia
605E66

Trichromacy



Original Color
5A6435

Protanomaly
646134

Deuteranomaly
6B5E36

Tritanomaly
5E6054

Monochromacy



Original Color
5A6435

Achromatopsia
5C5C5C

Achromatomaly
5B5F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6435 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 #5A6435 looks like.

```
.text, #text, p{  
    color:#5A6435  
}
```

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 #5A6435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6435
}
```

Border

The CSS property to change the border of an element to Hex 5A6435 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
#5A6435 }
```

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

```
.border{ border-color:#5A6435 }
```

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

Here you see how a box with a 4 pixel #5A6435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6435; -webkit-box-shadow:4px 4px  
4px 4px #5A6435; box-shadow:4px 4px 4px  
4px #5A6435 }
```

Background

The CSS property to change the background color of an element to Hex 5A6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6435 }
```

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

```
.background{ background-color:#5A6435 }
```

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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