

Converting Colors

Hex(5BA228)

Have a look what the booklet for
Hex(5BA228) contains.

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Color

Hex(5BA228)

Conversions

Conversions Part 1

Format	Color
Hex	5BA228
RGB	91, 162, 40
RGB Percent	36%, 64%, 16%
CMY	0.6431, 0.3647, 0.8431
CMYK	0.44, 0.00, 0.75, 0.36
HSL	95°, 60%, 40%
HSV	95°, 75%, 64%
XYZ	17.6177, 28.2180, 6.5256
YIQ	126.8630, -3.1540, -52.9940

Conversions

Conversions Part 2

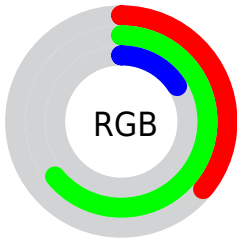
Format	Color
R_{YB}	40, 162, 111
Decimal	6005288
CIE _{Lab}	60.09, -42.87, 52.91
CIE _{LCh}	60, 68.100, 129.013
Yxy	28.2180, 0.3365, 0.5389
Android (android.graphics.Color)	4284195368 (0xFF5BA228)
YUV	126.8630, -42.8235, -31.4519
Hunter-Lab	53.1206, -33.7607, 29.9010

Details

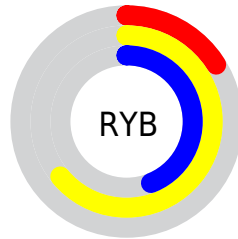
The Hex color **5BA228** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6F28A2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **93D95E**, and **206E00** is the 20% darker color. If you saturate the color by 10%, you get **52A218**, and if you desaturate by 10%, it is **64A238**.

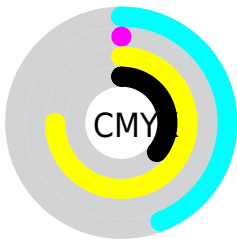
Distribution



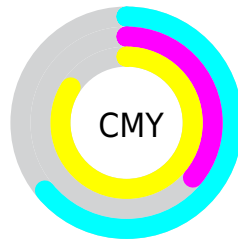
- Red (36%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (44%)



- Cyan (44%)
- Magenta (0%)
- Yellow (75%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA228 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 5BA228 by changing the saturation by 10% instead.

 5BA228

 5BA228

FFFFFF

 3F8703

 93D95E

 206E00

 AFF679

 005500

 CCFF94

 003D00

 E9FFAF

 002800

 FFFFCC

 000100

 FFFFEE

 000000

 5BA228

 5BA228

 52A218

 64A238

■ 48A208

■ 6EA248

■ 44A200

■ 77A259

■ 81A269

■ 8AA279

■ 94A289

■ 9DA299

■ A6A2AA

■ B0A2BA

Harmonies

Analogous

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



9D9400



5BA228



00AA63

Triad

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



5BA228



00A3FF



FB5281

Complementary

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



5BA228



6F28A2

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.



E65DBD



5BA228



0092FF

Square

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



5BA228



00ABDB



A978EF



F16448

Rectangle

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



5BA228



00AC8D



A978EF



F85295

Sweetspot

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



5BA228



B7D4A3



A26D28



5A6B4D



EBEBEB



6B6B6B

Same Dimension

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



5BA228



65D415



28A230



4D5249



3D9100



071200

Inverse Universe

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



6F28A2



8415D4



A2289A



4E4952



550091



0A0012

Previews

White Background



This preview shows how the Hex color 5BA228 looks on a white background.

Color Contrast Check

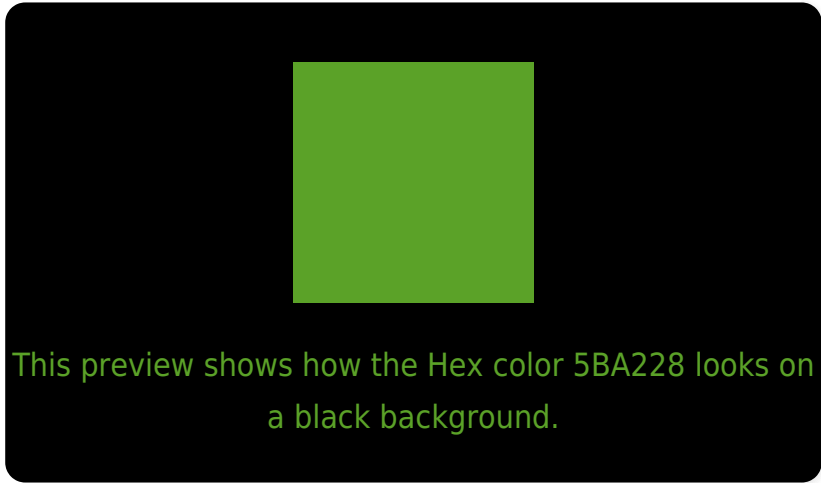
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 5BA228 Background



This preview shows how black text looks on a background with the Hex color 5BA228.



This preview shows how white text looks on a background with the Hex color 5BA228.

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
5BA228

Protanopia
A29023

Deuteranopia
B48932



Tritanopia
6E97A3

Trichromacy



Original Color
5BA228



Protanomaly
889725



Deuteranomaly
94922E



Tritanomaly
679B76

Monochromacy



Original Color
5BA228



Achromatopsia
7F7F7F



Achromatomaly
728C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA228 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 #5BA228 looks like.

```
.text, #text, p{  
    color:#5BA228  
}
```

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 #5BA228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA228
}
```

Border

The CSS property to change the border of an element to Hex 5BA228 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
#5BA228 }
```

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

```
.border{ border-color:#5BA228 }
```

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

Here you see how a box with a 4 pixel #5BA228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA228; -webkit-box-shadow:4px 4px  
4px 4px #5BA228; box-shadow:4px 4px 4px  
4px #5BA228 }
```

Background

The CSS property to change the background color of an element to Hex 5BA228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA228 }
```

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

```
.background{ background-color:#5BA228 }
```

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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