

Converting Colors

Hex(5CA25B)

Have a look what the booklet for
Hex(5CA25B) contains.

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Color

Hex(5CA25B)

Conversions

Conversions Part 1

Format	Color
Hex	5CA25B
RGB	92, 162, 91
RGB Percent	36%, 64%, 36%
CMY	0.6392, 0.3647, 0.6431
CMYK	0.43, 0.00, 0.44, 0.36
HSL	119°, 28%, 50%
HSV	119°, 44%, 64%
XYZ	19.2223, 28.8713, 14.4571
YIQ	132.9760, -18.9290, -36.9210

Conversions

Conversions Part 2

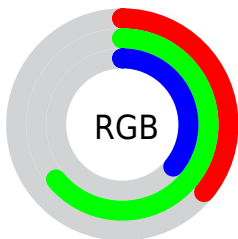
Format	Color
R_{YB}	91, 162, 161
Decimal	6070875
CIE _{Lab}	60.67, -36.98, 30.15
CIE _{LCh}	61, 47.712, 140.803
Yxy	28.8713, 0.3073, 0.4616
Android (android.graphics.Color)	4284260955 (0xFF5CA25B)
YUV	132.9760, -20.6942, -35.9360
Hunter-Lab	53.7320, -30.1738, 21.6599

Details

The Hex color **5CA25B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15BA2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **92D98E**, and **266E2B** is the 20% darker color. If you saturate the color by 10%, you get **4CA24B**, and if you desaturate by 10%, it is **6CA26B**.

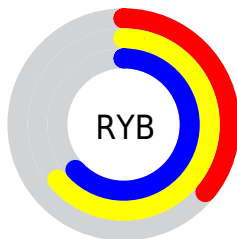
Distribution



Red (36%)

Green (64%)

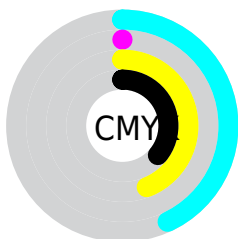
Blue (36%)



Red (36%)

Yellow (64%)

Blue (63%)

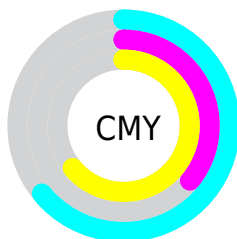


Cyan (43%)

Magenta (0%)

Yellow (44%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA25B 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 5CA25B by changing the saturation by 10% instead.

 5CA25B

 5CA25B


FFFFFF

 418743

 92D98E

 266E2B

 ADF6A9

 015514

 CAFFC4

 003D00

 E7FFE1

 002700

FFFFFFD

 000500

 000000

 5CA25B

 5CA25B

 4CA24B

 6CA26B

 3CA23B

 7CA27B

 2CA22A

 8CA28C

 1CA21A

 9CA29C

 0CA20A

 ACA2AC

 02A200

 BCA2BC

 CCA2CC

 DCA2DD

 ECA2ED

Harmonies

Analogous

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



8E9940



5CA25B



00A783

Triad

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



5CA25B



009BE5



E17077

Complementary

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



5CA25B



A15BA2

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.



D96FA1



5CA25B



808CE1

Square

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



5CA25B



00A4D3



BA7CC8



D37C52

Rectangle

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



5CA25B



00A8A1



BA7CC8



E16E85

Sweetspot

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



5CA25B



B9D4B8



A2A15B



5A6B5A



EBEBEB



6B6B6B

Same Dimension

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



5CA25B



65D463



5BA27D



4A5249



029100



001200

Inverse Universe

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



A15BA2



D263D4



A25B80



514952



8F0091



120012

Previews

White Background



This preview shows how the Hex color 5CA25B looks on a white background.

Color Contrast Check

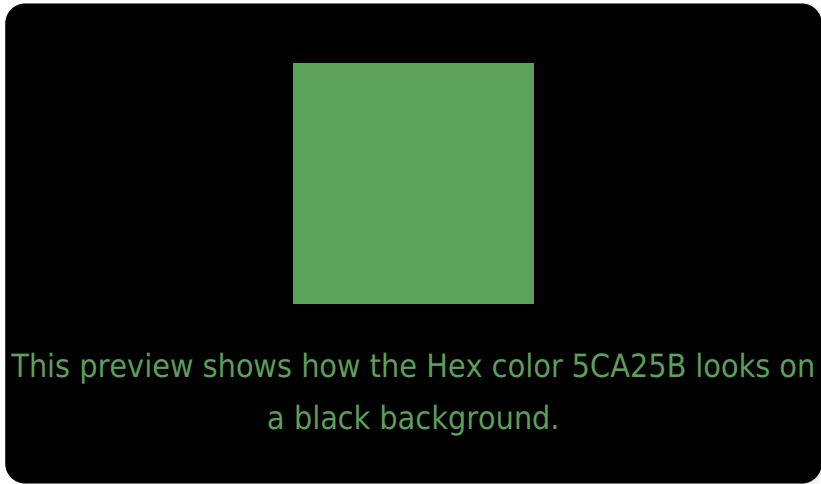
Large Text (above 18pt) WCAG AA ✓ Pass

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 5CA25B Background



This preview shows how black text looks on a background with the Hex color 5CA25B.

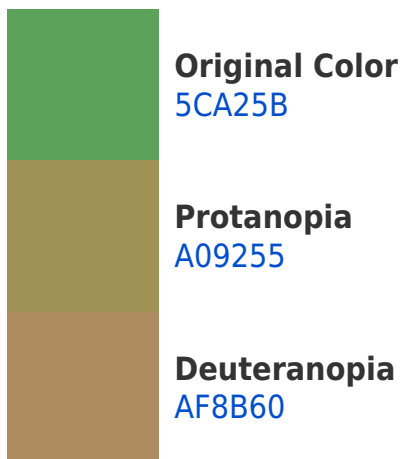


This preview shows how white text looks on a background with the Hex color 5CA25B.

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](#).

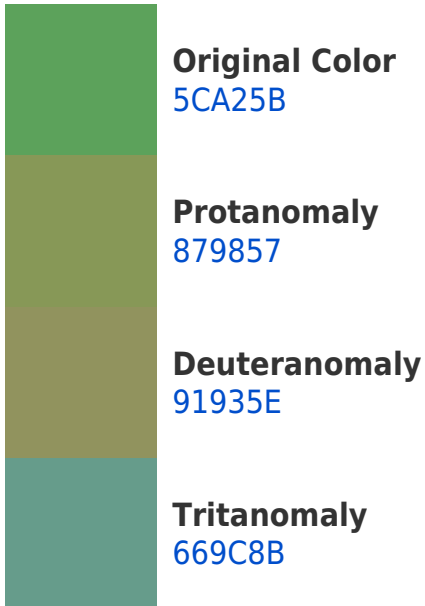
Dichromacy





Tritanopia
6B99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA25B 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 #5CA25B looks like.

```
.text, #text, p{  
    color:#5CA25B  
}
```

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 #5CA25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA25B
}
```

Border

The CSS property to change the border of an element to Hex 5CA25B 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
#5CA25B }
```

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

```
.border{ border-color:#5CA25B }
```

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

Here you see how a box with a 4 pixel #5CA25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA25B; -webkit-box-shadow:4px 4px  
4px 4px #5CA25B; box-shadow:4px 4px 4px  
4px #5CA25B }
```

Background

The CSS property to change the background color of an element to Hex 5CA25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA25B }
```

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

```
.background{ background-color:#5CA25B }
```

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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