

Converting Colors

Hex(50A25E)

Have a look what the booklet for
Hex(50A25E) contains.

Hex(50A25E)	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(50A25E)

Conversions

Conversions Part 1

Format	Color
Hex	50A25E
RGB	80, 162, 94
RGB Percent	31%, 64%, 37%
CMY	0.6863, 0.3647, 0.6314
CMYK	0.51, 0.00, 0.42, 0.36
HSL	130°, 34%, 47%
HSV	130°, 51%, 64%
XYZ	18.2490, 28.3543, 15.1008
YIQ	129.7300, -27.0440, -38.5320

Conversions

Conversions Part 2

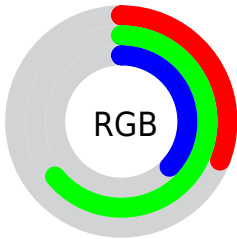
Format	Color
RYB	80, 150, 162
Decimal	5284446
CIELab	60.21, -40.03, 27.87
CIELCh	60, 48.776, 145.156
Yxy	28.3543, 0.2958, 0.4595
Android (android.graphics.Color)	4283474526 (0xFF50A25E)
YUV	129.7300, -17.6149, -43.6132
Hunter-Lab	53.2487, -32.0112, 20.4601

Details

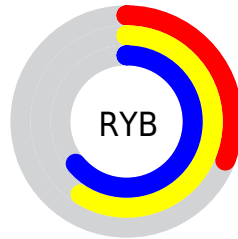
The Hex color **50A25E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A25094**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87DA91**, and **136D2E** is the 20% darker color. If you saturate the color by 10%, you get **40A251**, and if you desaturate by 10%, it is **60A26B**.

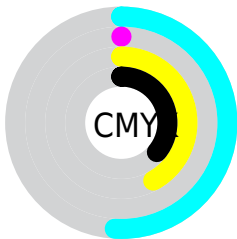
Distribution



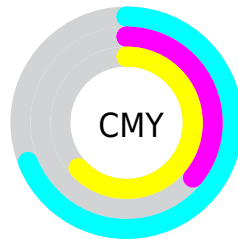
- Red (31%)
- Green (64%)
- Blue (37%)



- Red (31%)
- Yellow (59%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A25E 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 50A25E by changing the saturation by 10% instead.

 50A25E

 50A25E

FFFFFF

 348746

 87DA91

 136D2E

 A2F6AC

 005417

 BFFFC8

 003C00

 DBFFE4

 002700

 F9FFFF

 000100

 000000

 50A25E

 50A25E

 40A251

 60A26B

 30A243

 70A279

 1FA236

 81A286

 0FA228

 91A294

 00A21C

 A1A2A1

 B1A2AF

 C1A2BC

 D2A2C9

 E2A2D7

Harmonies

Analogous

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



869A3F



50A25E



00A688

Triad

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



50A25E



1898E7



E06F6F

Complementary

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



50A25E



A25094

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.



DC6C9A



50A25E



8889DF

Square

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



50A25E



00A2D7



BF77C3



D07C4B

Rectangle

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



50A25E



00A7A6



BF77C3



E16C7D

Sweetspot

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



50A25E



B4D4B9



94A250



586B5B



EBEBEB



6B6B6B

Same Dimension

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



50A25E



53D469



50A287



49524B



009119



001203

Inverse Universe

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



A25094



D453BE



A2506B



524950



910079



12000F

Previews

White Background



This preview shows how the Hex color 50A25E looks on a white background.

Color Contrast Check

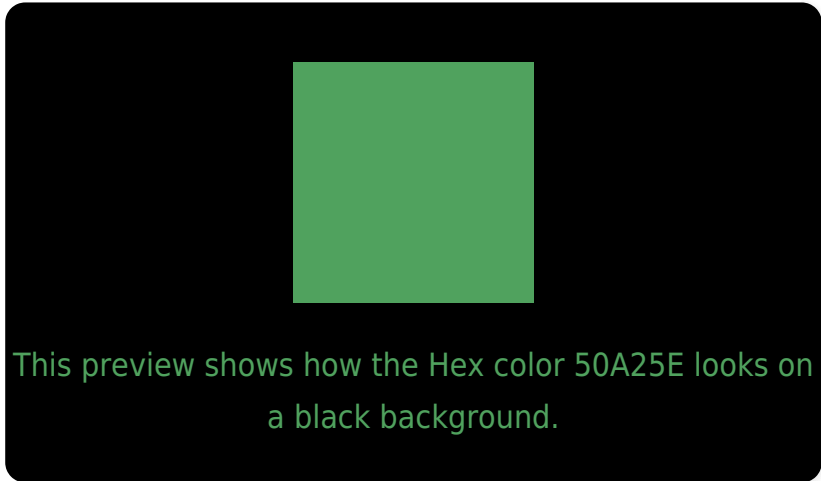
Large Text (above 18pt) WCAG AA ✓ Pass

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 50A25E Background



This preview shows how black text looks on a background with the Hex color 50A25E.



This preview shows how white text looks on a background with the Hex color 50A25E.

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](#).

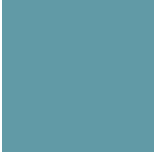
Dichromacy



Original Color
50A25E

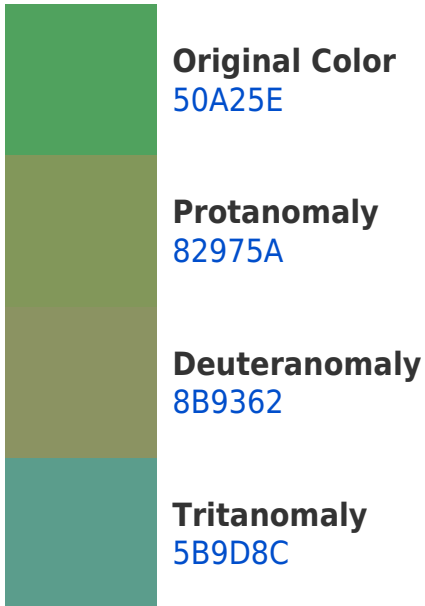
Protanopia
9E9057

Deuteranopia
AC8A64

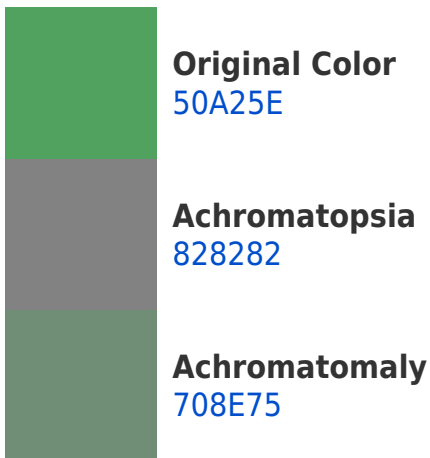


Tritanopia
619AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A25E 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 #50A25E looks like.

```
.text, #text, p{  
    color:#50A25E  
}
```

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 #50A25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A25E
}
```

Border

The CSS property to change the border of an element to Hex 50A25E 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
#50A25E }
```

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

```
.border{ border-color:#50A25E }
```

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

Here you see how a box with a 4 pixel #50A25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A25E; -webkit-box-shadow:4px 4px  
4px 4px #50A25E; box-shadow:4px 4px 4px  
4px #50A25E }
```

Background

The CSS property to change the background color of an element to Hex 50A25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A25E }
```

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

```
.background{ background-color:#50A25E }
```

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