

Converting Colors

Hex(57B24F)

Have a look what the booklet for
Hex(57B24F) contains.

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Color

Hex(57B24F)

Conversions

Conversions Part 1

Format	Color
Hex	57B24F
RGB	87, 178, 79
RGB Percent	34%, 70%, 31%
CMY	0.6588, 0.3020, 0.6902
CMYK	0.51, 0.00, 0.56, 0.30
HSL	115°, 39%, 50%
HSV	115°, 56%, 70%
XYZ	21.2622, 34.4315, 12.9225
YIQ	139.5050, -22.4570, -50.0810

Conversions

Conversions Part 2

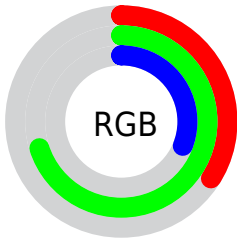
Format	Color
RYB	79, 178, 170
Decimal	5747279
CIELab	65.30, -46.92, 41.89
CIELCh	65, 62.903, 138.242
Yxy	34.4315, 0.3099, 0.5018
Android (android.graphics.Color)	4283937359 (0xFF57B24F)
YUV	139.5050, -29.8290, -46.0469
Hunter-Lab	58.6784, -38.0076, 28.0177

Details

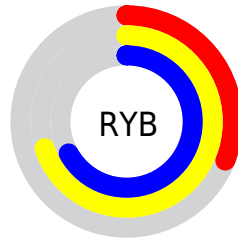
The Hex color **57B24F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AA4FB2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8FEA83**, and **177C1C** is the 20% darker color. If you saturate the color by 10%, you get **47B23D**, and if you desaturate by 10%, it is **67B261**.

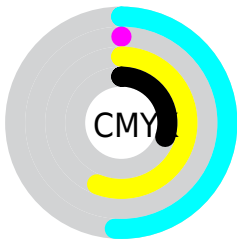
Distribution



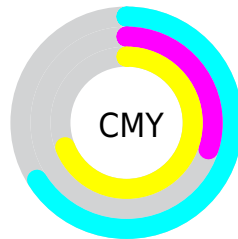
- Red (34%)
- Green (70%)
- Blue (31%)



- Red (31%)
- Yellow (70%)
- Blue (67%)



- Cyan (51%)
- Magenta (0%)
- Yellow (56%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B24F 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 57B24F by changing the saturation by 10% instead.

 57B24F

 57B24F

FFFFFF

 3A9736

 8FEA83

 177C1C

 ACFF9E

 006300

 C9FFB9

 004A00

 E6FFD5

 003200

 FFFFF2

 001B00

 000000

 57B24F

 57B24F

 47B23D

 67B261

 36B22B

 78B273

 26B21A

 88B284

 16B208

 98B296

 0EB200

 A9B2A8

 B9B2BA

 CAB2CC

 DAB2DD

 EAB2EF

Harmonies

Analogous

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



9BA627



57B24F



00B886

Triad

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



57B24F



00ABFF



FF6B7F

Complementary

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



57B24F



AA4FB2

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.



F96CB7



57B24F



7599FF

Square

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



57B24F



00B6F2



CD81EA



F47D4C

Rectangle

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



57B24F



00BAAD



CD81EA



FF6991

Sweetspot

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



57B24F



C4E8C1



B2AA4F



60755E



F5F5F5



757575

Same Dimension

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



57B24F



59E84D



4FB278



515950



0C9900



021A00

Inverse Universe

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



AA4FB2



DB4DE8



B24F89



595059



8D0099



17001A

Previews

White Background



This preview shows how the Hex color 57B24F looks on a white background.

Color Contrast Check

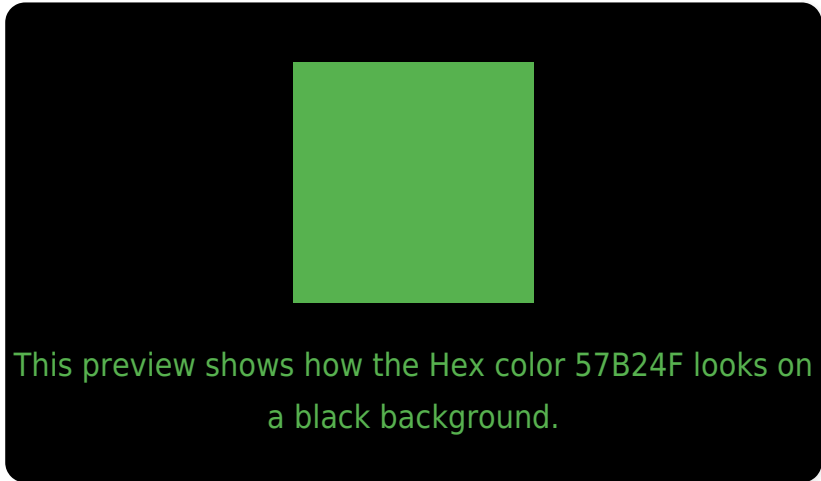
Large Text (above 18pt) WCAG AA × Fail

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

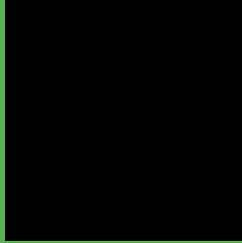
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 57B24F Background



This preview shows how black text looks on a background with the Hex color 57B24F.

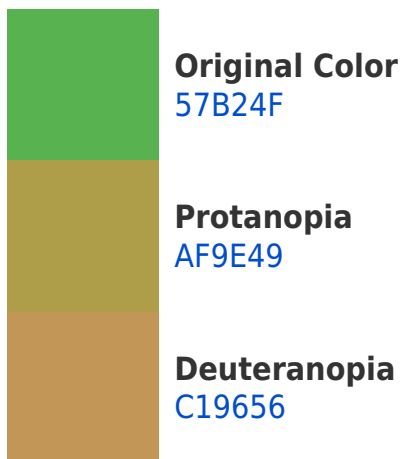


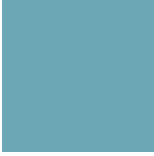
This preview shows how white text looks on a background with the Hex color 57B24F.

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
6CA7B5

Trichromacy



Original Color
57B24F



Protanomaly
8FA54B



Deuteranomaly
9AA053



Tritanomaly
64AB90

Monochromacy



Original Color
57B24F



Achromatopsia
8C8C8C



Achromatomaly
799A76

CSS Examples

Text

The CSS property to change the color of the text to Hex 57B24F 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 #57B24F looks like.

```
.text, #text, p{  
    color:#57B24F  
}
```

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 #57B24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B24F
}
```

Border

The CSS property to change the border of an element to Hex 57B24F 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
#57B24F }
```

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

```
.border{ border-color:#57B24F }
```

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

Here you see how a box with a 4 pixel #57B24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B24F; -webkit-box-shadow:4px 4px  
4px 4px #57B24F; box-shadow:4px 4px 4px  
4px #57B24F }
```

Background

The CSS property to change the background color of an element to Hex 57B24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B24F }
```

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

```
.background{ background-color:#57B24F }
```

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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