

Converting Colors

Hex(5D875E)

Have a look what the booklet for
Hex(5D875E) contains.

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Color

Hex(5D875E)

Conversions

Conversions Part 1

Format	Color
Hex	5D875E
RGB	93, 135, 94
RGB Percent	36%, 53%, 37%
CMY	0.6353, 0.4706, 0.6314
CMYK	0.31, 0.00, 0.30, 0.47
HSL	121°, 18%, 45%
HSV	121°, 31%, 53%
XYZ	15.1986, 20.4633, 13.7384
YIQ	117.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

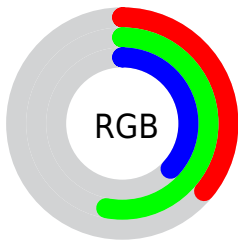
Format	Color
R_{YB}	93, 134, 135
Decimal	6129502
CIE _{Lab}	52.36, -23.25, 17.54
CIE _{LCh}	52, 29.130, 142.967
Yxy	20.4633, 0.3077, 0.4142
Android (android.graphics.Color)	4284319582 (0xFF5D875E)
YUV	117.7680, -11.7176, -21.7215
Hunter-Lab	45.2363, -19.1909, 13.6589

Details

The Hex color **5D875E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875D86**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **91BD91**, and **2D552F** is the 20% darker color. If you saturate the color by 10%, you get **4F8751**, and if you desaturate by 10%, it is **6B876B**.

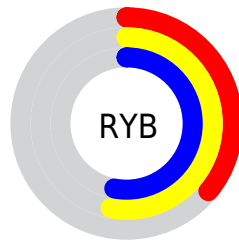
Distribution



Red (36%)

Green (53%)

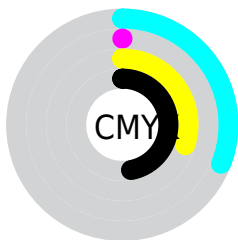
Blue (37%)



Red (36%)

Yellow (53%)

Blue (53%)

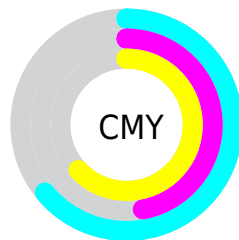


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D875E 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 5D875E by changing the saturation by 10% instead.

 5D875E

 5D875E


FFFFFF

 446D46

 91BD91

 2D552F

 ABD8AB

 153D1A

 C7F5C7

 002701

 E3FFE3

 000F00

 000000

 5D875E

 5D875E

 4F8751

 6B876B

 428744

 788778

 358736

 858786

 278729

 938793

 1A871C

 A187A0

 0C870F

 AE87AD

 008703

 BB87BA

 C987C7

 D787D5

Harmonies

Analogous

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



7A814E



5D875E



3D8A76

Triad

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



5D875E



4F81AE



AE6B6B

Complementary

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



5D875E



875D86

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.



A96A84



5D875E



7779AB

Square

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



5D875E



2687A4



97709B



A57156

Rectangle

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



5D875E



278A87



97709B



AE6A73

Sweetspot

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



5D875E



A0B0A0



86875D



4F5950



D9D9D9



595959

Same Dimension

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



5D875E



6FB070



5D8773



3C423C



008203



000300

Inverse Universe

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



875D86



B06FAE



875D71



423C42



82007F



030002

Previews

White Background



This preview shows how the Hex color 5D875E looks on a white background.

Color Contrast Check

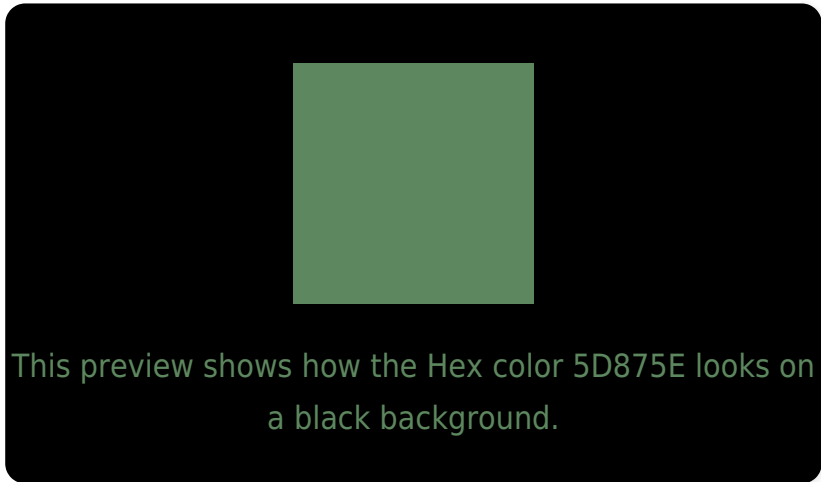
Large Text (above 18pt) WCAG AA ✓ Pass

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

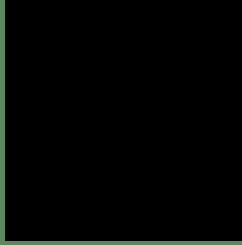
Any Text WCAG AA ✓ Pass

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 5D875E Background



This preview shows how black text looks on a background with the Hex color 5D875E.




This preview shows how white text looks on a background with the Hex color 5D875E.

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
65818C

Trichromacy



Original Color
5D875E

Protanomaly
77805B

Deuteranomaly
7F7D60

Tritanomaly
62837B

Monochromacy



Original Color
5D875E

Achromatopsia
767676

Achromatomaly
6D7C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D875E 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 #5D875E looks like.

```
.text, #text, p{  
    color:#5D875E  
}
```

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 #5D875E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D875E
}
```

Border

The CSS property to change the border of an element to Hex 5D875E 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
#5D875E }
```

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

```
.border{ border-color:#5D875E }
```

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

Here you see how a box with a 4 pixel #5D875E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D875E; -webkit-box-shadow:4px 4px  
4px 4px #5D875E; box-shadow:4px 4px 4px  
4px #5D875E }
```

Background

The CSS property to change the background color of an element to Hex 5D875E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D875E }
```

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

```
.background{ background-color:#5D875E }
```

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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