

# Converting Colors

Hex(62965A)

Have a look what the booklet for  
Hex(62965A) contains.

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# Color

Hex(62965A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62965A
RGB	98, 150, 90
RGB Percent	38%, 59%, 35%
CMY	0.6157, 0.4118, 0.6471
CMYK	0.35, 0.00, 0.40, 0.41
HSL	112°, 25%, 47%
HSV	112°, 40%, 59%
XYZ	17.7888, 25.1475, 13.5893
YIQ	127.6120, -11.7320, -29.6840

# Conversions

## Conversions Part 2

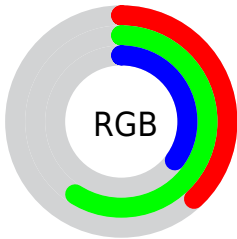
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 150, 142
Decimal	6461018
CIE <sub>Lab</sub>	57.22, -29.59, 26.29
CIE <sub>LCh</sub>	57, 39.586, 138.382
Yxy	25.1475, 0.3147, 0.4449
Android (android.graphics.Color)	4284651098 (0xFF62965A)
YUV	127.6120, -18.5427, -25.9697
Hunter-Lab	50.1473, -24.4383, 19.0363

# Details

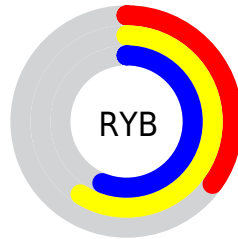
The Hex color **62965A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5A96**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **97CD8D**, and **30632B** is the 20% darker color. If you saturate the color by 10%, you get **55964B**, and if you desaturate by 10%, it is **6F9669**.

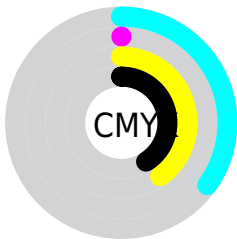
# Distribution



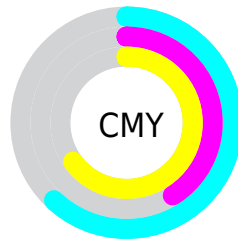
- Red (38%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62965A 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 62965A by changing the saturation by 10% instead.





62965A



62965A

FFFFFF



497C42



97CD8D



30632B



B2E9A7



154A14



CEFFC3



003300



EBFFDF



002000



FFFFC3



000000



62965A



62965A



55964B



6F9669



48963C



7C9678

 3B962D

 899687

 2E961E

 969696

 21960F

 A396A5

 149600

 B096B4

 BD96C3

 CA96D2

 D796E1

# Harmonies

## Analogous

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



8A8E46



62965A



2B9A7A

# Triad

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



62965A



2D91CD



CB6E75

# Complementary

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



62965A



8E5A96

# 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.



C36F98



62965A



7785CB

# Square

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



62965A



0098BC



A778B8



C27657

# Rectangle

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



62965A



009B92



A778B8



CB6D81



# Sweetspot

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



62965A



AEC2AB



968E5A



556153



E0E0E0



616161



# Same Dimension

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



62965A



71C265



5A9670



444A43



128A00



010A00



# Inverse Universe

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



8E5A96



B565C2



965A80



49434A



77008A



09000A



# Previews

## White Background



This preview shows how the Hex color 62965A looks on a white background.

## Color Contrast Check

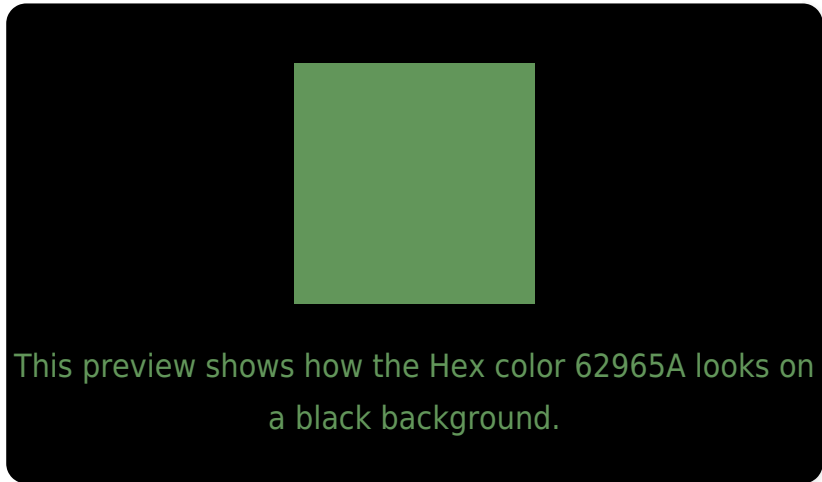
Large Text (above 18pt) WCAG AA ✓ Pass

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

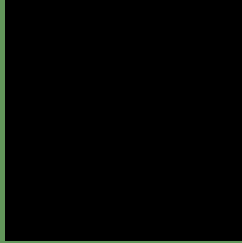
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 62965A Background



This preview shows how black text looks on a background with the Hex color 62965A.



This preview shows how white text looks on a background with the Hex color 62965A.

# 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**  
6D8E9A

# Trichromacy



**Original Color**  
62965A

**Protanomaly**  
828E57

**Deuteranomaly**  
8B8A5D

**Tritanomaly**  
699183

# Monochromacy



**Original Color**  
62965A

**Achromatopsia**  
808080

**Achromatomaly**  
758872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62965A 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 #62965A looks like.

```
.text, #text, p{  
    color:#62965A  
}
```

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 #62965A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62965A
}
```

## Border

The CSS property to change the border of an element to Hex 62965A 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
#62965A }
```

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

```
.border{ border-color:#62965A }
```

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

Here you see how a box with a 4 pixel #62965A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62965A; -webkit-box-shadow:4px 4px  
4px 4px #62965A; box-shadow:4px 4px 4px  
4px #62965A }
```

# Background

The CSS property to change the background color of an element to Hex 62965A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62965A }
```

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

```
.background{ background-color:#62965A }
```

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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