

# Converting Colors

Hex(627659)

Have a look what the booklet for  
Hex(627659) contains.

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# Color

Hex(627659)

# Conversions

## Conversions Part 1

Format	Color
Hex	627659
RGB	98, 118, 89
RGB Percent	38%, 46%, 35%
CMY	0.6157, 0.5373, 0.6510
CMYK	0.17, 0.00, 0.25, 0.54
HSL	101°, 14%, 41%
HSV	101°, 25%, 46%
XYZ	13.3186, 16.2748, 11.8906
YIQ	108.7140, -2.6110, -13.2590

# Conversions

## Conversions Part 2

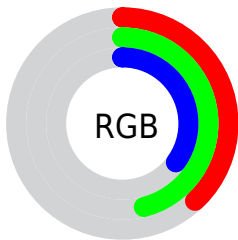
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 118, 109
Decimal	6452825
CIELab	47.33, -13.28, 13.60
CIELCh	47, 19.010, 134.331
Yxy	16.2748, 0.3211, 0.3923
Android (android.graphics.Color)	4284642905 (0xFF627659)
YUV	108.7140, -9.7190, -9.3962
Hunter-Lab	40.3420, -11.6682, 10.7641

# Details

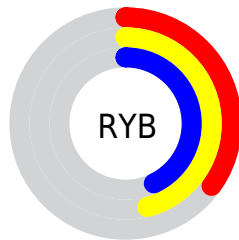
The Hex color **627659** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6D5976**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **95AA8B**, and **33462B** is the 20% darker color. If you saturate the color by 10%, you get **5A764D**, and if you desaturate by 10%, it is **6A7665**.

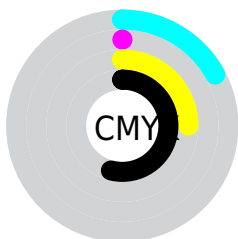
# Distribution



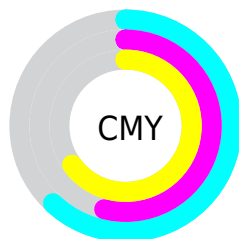
- Red (38%)
- Green (46%)
- Blue (35%)



- Red (35%)
- Yellow (46%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627659 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 627659 by changing the saturation by 10% instead.



 627659

 627659

FFFFFF

 4A5D42

 95AA8B

 33462B

 B0C5A5

 1D2F16

 CBE1C1

 071B00

 E8FEDD

 000000

 FFFFF9

 627659

 627659

 5A764D

 6A7665

 527641

 727671

 4A7636


 7A767C

 41762A

 837688

 39761E

 8B7694

 317612

 9376A0

 297606

 9B76AC

 257600

 A376B7

 AB76C3

# Harmonies

## Analogous

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



747251



627659



507967

# Triad

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



627659



51748F



916569

# Complementary

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



627659



6D5976

# 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.



8B6679



627659



676F8F

# Square

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



627659



427886



7C6A87



8E675B

# Rectangle

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



627659



467972



7C6A87



90656E



# Sweetspot

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



627659



92998E



766D59



484D46



CCCCCC



4D4D4D



# Same Dimension

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



627659



7A996D



59765E



373B35



267A00



4EFA00



# Inverse Universe

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



6D5976



8B6D99



765971



39353B



54007A

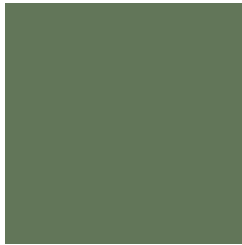


AC00FA



# Previews

## White Background



This preview shows how the Hex color 627659 looks on a white background.

## Color Contrast Check

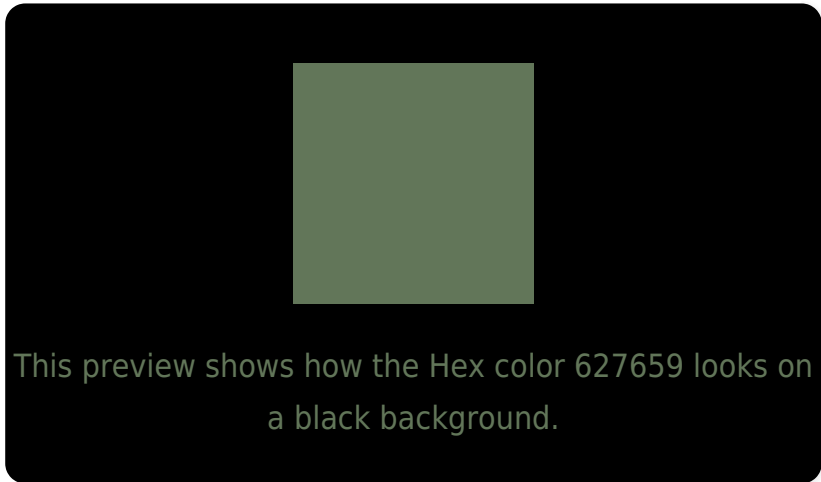
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

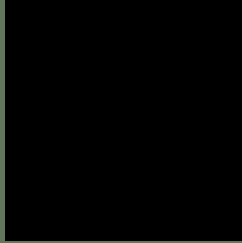
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 627659 Background



This preview shows how black text looks on a background with the Hex color 627659.



This preview shows how white text looks on a background with the Hex color 627659.

# 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**  
627659

**Protanopia**  
787056

**Deuteranopia**  
826C5B



**Tritanopia**  
67727B

# Trichromacy



**Original Color**  
627659

**Protanomaly**  
707257

**Deuteranomaly**  
76705A

**Tritanomaly**  
65736F

# Monochromacy



**Original Color**  
627659

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
697066

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627659 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 #627659 looks like.

```
.text, #text, p{  
    color:#627659  
}
```

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 #627659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627659
}
```

## Border

The CSS property to change the border of an element to Hex 627659 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
#627659 }
```

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

```
.border{ border-color:#627659 }
```

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

Here you see how a box with a 4 pixel #627659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627659; -webkit-box-shadow:4px 4px  
4px 4px #627659; box-shadow:4px 4px 4px  
4px #627659 }
```

# Background

The CSS property to change the background color of an element to Hex 627659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627659 }
```

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

```
.background{ background-color:#627659 }
```

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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