

# Converting Colors

Hex(62671D)

Have a look what the booklet for  
Hex(62671D) contains.

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**Color**

**Hex(62671D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62671D
RGB	98, 103, 29
RGB Percent	38%, 40%, 11%
CMY	0.6157, 0.5961, 0.8863
CMYK	0.05, 0.00, 0.72, 0.60
HSL	64°, 56%, 26%
HSV	64°, 72%, 40%
XYZ	10.1090, 12.3859, 3.0203
YIQ	93.0690, 20.7740, -24.0740

# Conversions

## Conversions Part 2

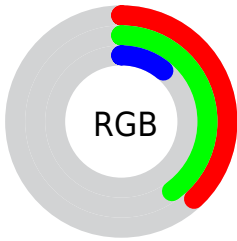
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">29, 103, 34</a>
Decimal	<a href="#">6448925</a>
CIELab	<a href="#">41.82, -12.34, 39.15</a>
CIELCh	<a href="#">42, 41.051, 107.493</a>
Yxy	<a href="#">12.3859, 0.3962, 0.4854</a>
Android (android.graphics.Color)	<a href="#">4284639005 (0xFF62671D)</a>
YUV	<a href="#">93.0690, -31.5860, 4.3245</a>
Hunter-Lab	<a href="#">35.1936, -10.3163, 19.5472</a>

# Details

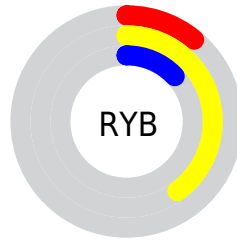
The Hex color **62671D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **221D67**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **979A4E**, and **313800** is the 20% darker color. If you saturate the color by 10%, you get **616713**, and if you desaturate by 10%, it is **636727**.

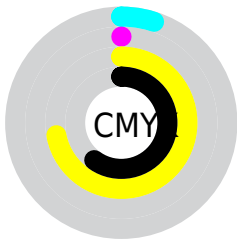
# Distribution



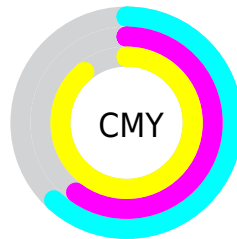
- Red (38%)
- Green (40%)
- Blue (11%)



- Red (11%)
- Yellow (40%)
- Blue (13%)



- Cyan (5%)
- Magenta (0%)
- Yellow (72%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62671D 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 62671D by changing the saturation by 10% instead.



 62671D

 62671D

FFFFFF

 494F02

 979A4E

 313800

 B2B567

 192300

 CED081

 000C00

 EBEC9B

 000000

 FFFFB7

 FFFFD3

 FFFFEF

 62671D

 62671D

■ 616713

■ 636727

■ 616708

■ 636732

■ 606700

■ 64673C

■ 656746

■ 656750

■ 66675B

■ 676765

■ 68676F

■ 68677A

# Harmonies

## Analogous

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



815C1D



62671D



3B6E33

# Triad

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



62671D



007194



994672

# Complementary

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



62671D



221D67

# 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.



7E5191



62671D



006AA4

# Square

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



62671D



007376



4A5FA3



A14550

# Rectangle

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



62671D



067148



4A5FA3



92497D



# Sweetspot

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



62671D



858769



67221D



444533



C4C4C4



454545



# Same Dimension

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



62671D



7F8713



3D671D



33332E



6B7300



E2F200



# Inverse Universe

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



221D67



1B1387



471D67



2E2E33



080073



1000F2



# Previews

## White Background



This preview shows how the Hex color 62671D looks on a white background.

## Color Contrast Check

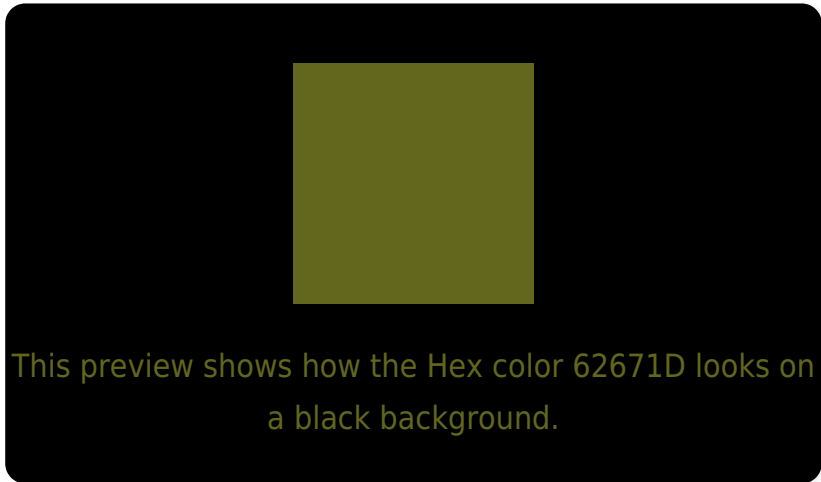
Large Text (above 18pt) WCAG AA ✓ Pass

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

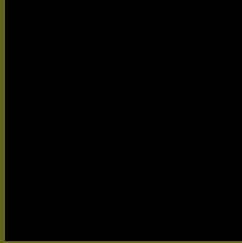
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62671D Background



This preview shows how black text looks on a background with the Hex color 62671D.



This preview shows how white text looks on a background with the Hex color 62671D.

# 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**  
62671D

**Protanopia**  
6F631C

**Deuteranopia**  
7B5E21



**Tritanopia**  
696068

# Trichromacy



**Original Color**  
62671D

**Protanomaly**  
6A641C

**Deuteranomaly**  
726120

**Tritanomaly**  
66634D

# Monochromacy



**Original Color**  
62671D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5F6146

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62671D 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 #62671D looks like.

```
.text, #text, p{  
    color:#62671D  
}
```

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 #62671D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62671D
}
```

## Border

The CSS property to change the border of an element to Hex 62671D 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
#62671D }
```

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

```
.border{ border-color:#62671D }
```

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

Here you see how a box with a 4 pixel #62671D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62671D; -webkit-box-shadow:4px 4px  
4px 4px #62671D; box-shadow:4px 4px 4px  
4px #62671D }
```

# Background

The CSS property to change the background color of an element to Hex 62671D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62671D }
```

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

```
.background{ background-color:#62671D }
```

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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