

Converting Colors

Hex(62131E)

Have a look what the booklet for
Hex(62131E) contains.

Hex(62131E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62131E)

Conversions

Conversions Part 1

Format	Color
Hex	62131E
RGB	98, 19, 30
RGB Percent	38%, 7%, 12%
CMY	0.6157, 0.9255, 0.8824
CMYK	0.00, 0.81, 0.69, 0.62
HSL	352°, 68%, 23%
HSV	352°, 81%, 38%
XYZ	5.5042, 3.1562, 1.5474
YIQ	43.8750, 43.5530, 20.1690

Conversions

Conversions Part 2

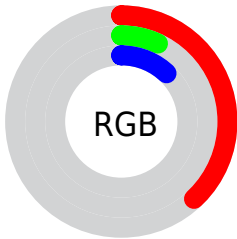
Format	Color
R_{YB}	98, 19, 30
Decimal	6427422
CIE Lab	20.66, 35.43, 14.76
CIE LCh	21, 38.384, 22.615
Yxy	3.1562, 0.5392, 0.3092
Android (android.graphics.Color)	4284617502 (0xFF62131E)
YUV	43.8750, -6.8404, 47.4676
Hunter-Lab	17.7656, 24.2141, 7.2717

Details

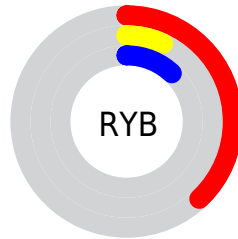
The Hex color **62131E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **136257**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9A4649**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **620916**, and if you desaturate by 10%, it is **621D26**.

Distribution



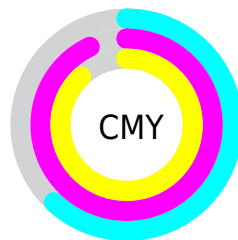
- Red (38%)
- Green (7%)
- Blue (12%)



- Red (38%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (81%)
- Yellow (69%)
- Black (62%)



- Cyan (62%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62131E 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 62131E by changing the saturation by 10% instead.

 62131E

 62131E

FFFFFF

 470005

 9A4649

 300001

 B65F61

 000000

 D3797A

 F19394

 FFAEAE

 FFCACA

 FFE7E6

 62131E

 62131E

■ 620916

■ 621D26

■ 62000E

■ 62272F

■ 623037

■ 623A40

■ 624448

■ 624E51

■ 625859

■ 626161

■ 626B6A

Harmonies

Analogous

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



60113A



62131E



582100

Triad

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



62131E



003B0C



00376A

Complementary

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



62131E



136257

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.



003C5E



62131E



003E2A

Square

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



62131E



2B3700



003E47



1F2D66

Rectangle

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



62131E



4C2A00



003E47



003A68

Sweetspot

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



62131E



806165



561362



402D30



BFBFBF



404040

Same Dimension

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



62131E



800415



622F13



302C2C



700010



F00021

Inverse Universe

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



62131E



800415



134662



302C2C



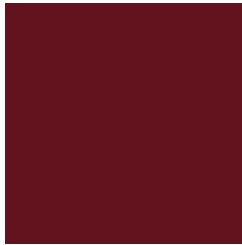
700010



F00021

Previews

White Background



This preview shows how the Hex color 62131E looks on a white background.

Color Contrast Check

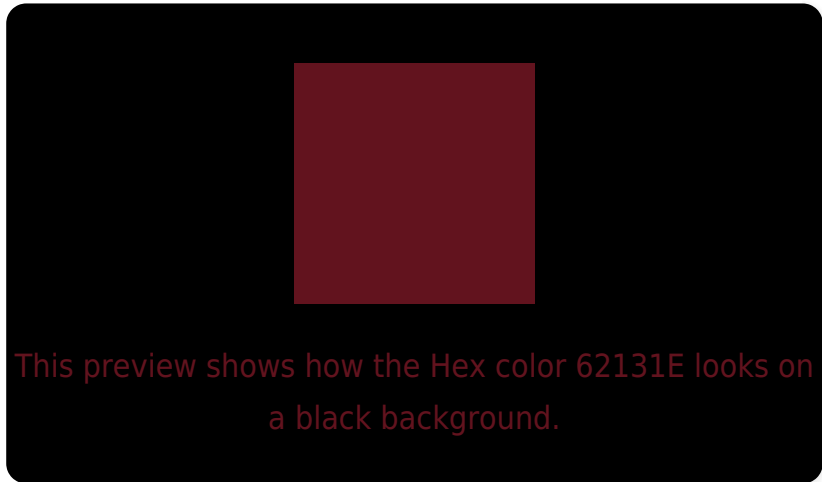
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 62131E Background



This preview shows how black text looks on a background with the Hex color 62131E.



This preview shows how white text looks on a background with the Hex color 62131E.

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
62131E

Protanopia
37342A

Deuteranopia
40311A

Trichromacy



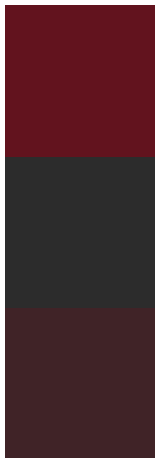
Original Color
62131E

Protanomaly
472826

Deuteranomaly
4C261B

Tritanomaly
621418

Monochromacy



Original Color
62131E

Achromatopsia
2C2C2C

Achromatomaly
402327

CSS Examples

Text

The CSS property to change the color of the text to Hex 62131E 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 #62131E looks like.

```
.text, #text, p{  
    color:#62131E  
}
```

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 #62131E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62131E
}
```

Border

The CSS property to change the border of an element to Hex 62131E is called "border". The border property can be set on classes, ids or directly on the HTML element.

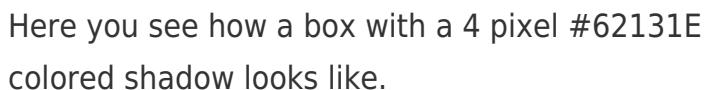
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62131E }
```

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

```
.border{ border-color:#62131E }
```

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



Here you see how a box with a 4 pixel #62131E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62131E; -webkit-box-shadow:4px 4px  
4px 4px #62131E; box-shadow:4px 4px 4px  
4px #62131E }
```

Background

The CSS property to change the background color of an element to Hex 62131E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62131E }
```

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

```
.background{ background-color:#62131E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor