

Converting Colors

Hex(62521A)

Have a look what the booklet for
Hex(62521A) contains.

Hex(62521A)	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(62521A)

Conversions

Conversions Part 1

Format	Color
Hex	62521A
RGB	98, 82, 26
RGB Percent	38%, 32%, 10%
CMY	0.6157, 0.6784, 0.8980
CMYK	0.00, 0.16, 0.73, 0.62
HSL	47°, 58%, 24%
HSV	47°, 73%, 38%
XYZ	8.2407, 8.7058, 2.2233
YIQ	80.4000, 27.5120, -14.0240

Conversions

Conversions Part 2

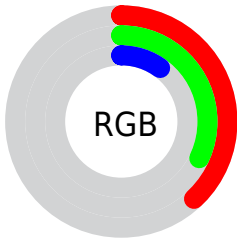
Format	Color
R_{YB}	47, 98, 26
Decimal	6443546
CIE _{Lab}	35.41, -0.30, 33.98
CIE _{LCh}	35, 33.977, 90.511
Yxy	8.7058, 0.4299, 0.4541
Android (android.graphics.Color)	4284633626 (0xFF62521A)
YUV	80.4000, -26.8192, 15.4352
Hunter-Lab	29.5057, -1.7809, 16.1863

Details

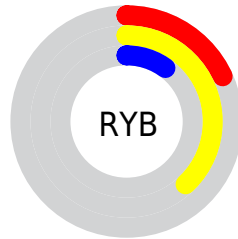
The Hex color **62521A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1A2A62**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **978349**, and **312600** is the 20% darker color. If you saturate the color by 10%, you get **625010**, and if you desaturate by 10%, it is **625424**.

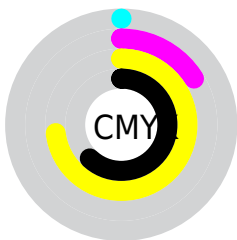
Distribution



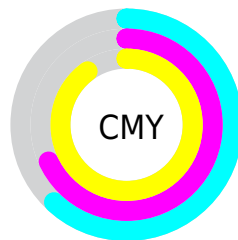
- Red (38%)
- Green (32%)
- Blue (10%)



- Red (18%)
- Yellow (38%)
- Blue (10%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (62%)



- Cyan (62%)
- Magenta (68%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62521A 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 62521A by changing the saturation by 10% instead.

 62521A

 62521A

FFFFFF

 493B01

 978349

 312600

 B39D62

 181100

 CFB87B

 000000

 ECD495

 FFF0B0

 FFFFCC

 FFFFEE

 62521A

 62521A

■ 625010

■ 625424

■ 624E06

■ 62562E

■ 624C00

■ 625937

■ 625B41

■ 625D4B

■ 625F55

■ 62615F

■ 626368

■ 626672

Harmonies

Analogous

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



774824



62521A



475A22

Triad

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



62521A



00606E



75416E

Complementary

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



62521A



1A2A62

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.



554C82



62521A



005D82

Square

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



62521A



006153



1A5689



843B54

Rectangle

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



62521A



305D2F



1A5689



6C4576

Sweetspot

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



62521A



807963



621A2B



403C2F



BFBFBF



404040

Same Dimension

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



62521A



80670F



4F621A



302F2C



705700



F0BA00

Inverse Universe

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



1A2A62



0F2880



2D1A62



2C2D30



001970



0035F0

Previews

White Background



This preview shows how the Hex color 62521A looks on a white background.

Color Contrast Check

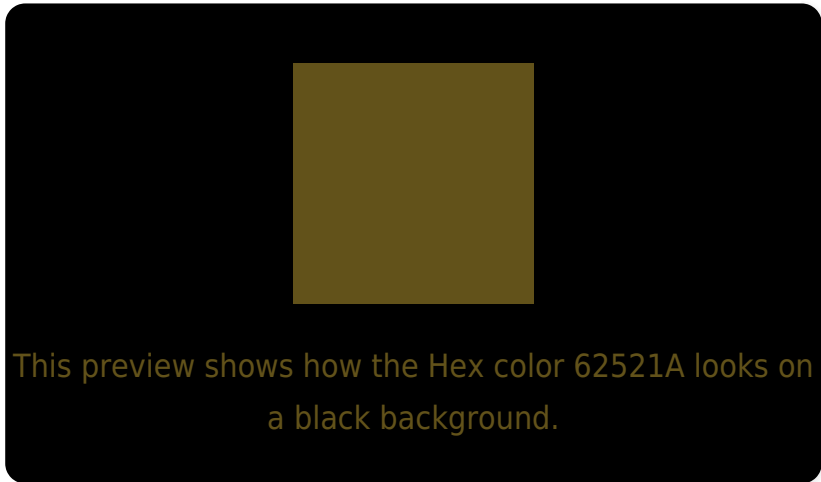
Large Text (above 18pt) WCAG AA ✓ Pass

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

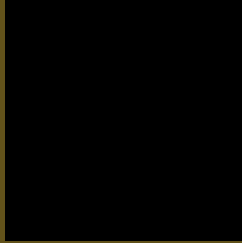
Any Text WCAG AA × Fail

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 62521A Background



This preview shows how black text looks on a background with the Hex color 62521A.



This preview shows how white text looks on a background with the Hex color 62521A.

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
62521A

Protanopia
5E541A

Deuteranopia
694F1B



Tritanopia
664D53

Trichromacy



Original Color
62521A

Protanomaly
5F531A

Deuteranomaly
66501B

Tritanomaly
654F3E

Monochromacy



Original Color
62521A

Achromatopsia
505050

Achromatomaly
57513C

CSS Examples

Text

The CSS property to change the color of the text to Hex 62521A 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 #62521A looks like.

```
.text, #text, p{  
    color:#62521A  
}
```

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 #62521A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62521A
}
```

Border

The CSS property to change the border of an element to Hex 62521A 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
#62521A }
```

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

```
.border{ border-color:#62521A }
```

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

Here you see how a box with a 4 pixel #62521A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62521A; -webkit-box-shadow:4px 4px  
4px 4px #62521A; box-shadow:4px 4px 4px  
4px #62521A }
```

Background

The CSS property to change the background color of an element to Hex 62521A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62521A }
```

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

```
.background{ background-color:#62521A }
```

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