

Converting Colors

Hex(65762A)

Have a look what the booklet for
Hex(65762A) contains.

| | |
|--|----|
| Hex(65762A) | 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(65762A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 65762A |
| RGB | 101, 118, 42 |
| RGB Percent | 40%, 46%, 16% |
| CMY | 0.6039, 0.5373, 0.8353 |
| CMYK | 0.14, 0.00, 0.64, 0.54 |
| HSL | 73°, 48%, 31% |
| HSV | 73°, 64%, 46% |
| XYZ | 12.2632, 15.8907, 4.6114 |
| YIQ | 104.2530, 14.2640, -27.2400 |

Conversions

Conversions Part 2

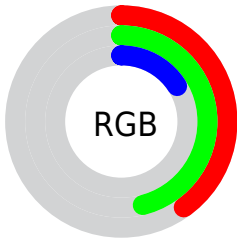
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 42, 118, 59 |
| Decimal | 6649386 |
| CIELab | 46.83, -18.17, 38.61 |
| CIELCh | 47, 42.676, 115.198 |
| Yxy | 15.8907, 0.3743, 0.4850 |
| Android (android.graphics.Color) | 4284839466 (0xFF65762A) |
| YUV | 104.2530, -30.6907, -2.8529 |
| Hunter-Lab | 39.8632, -14.8483, 21.0456 |

Details

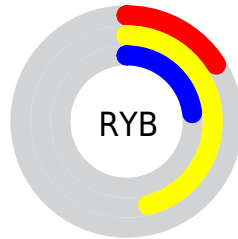
The Hex color **65762A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3B2A76**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9AAA5B**, and **334600** is the 20% darker color. If you saturate the color by 10%, you get **62761E**, and if you desaturate by 10%, it is **687636**.

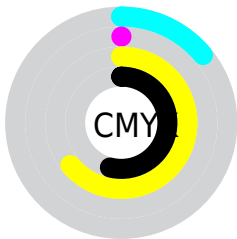
Distribution



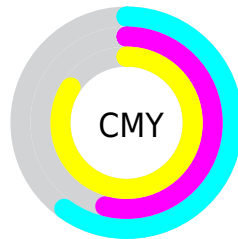
- Red (40%)
- Green (46%)
- Blue (16%)



- Red (16%)
- Yellow (46%)
- Blue (23%)



- Cyan (14%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65762A 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 65762A by changing the saturation by 10% instead.

 65762A

 65762A

FFFFFF

 4C5D11

 9AAA5B

 334600

 B5C575

 1C2F00

 D1E18F

 001C00

 EEFEAA

 000000

 FFFFC5

 FFFFE2

 65762A

 65762A

 62761E

 687636

■ 607612

■ 6A7642

■ 5D7607

■ 6D764D

■ 5C7600

■ 707659

■ 727665

■ 757671

■ 77767D

■ 7A7688

■ 7D7694

Harmonies

Analogous

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



886B24



65762A



377D44

Triad

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



65762A



007DA9



AD5076

Complementary

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



65762A



3B2A76

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.



955998



65762A



0075B6

Square

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



65762A



00808C



6768B0



B05253

Rectangle

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



65762A



00805B



6768B0



A85282

Sweetspot

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



65762A



92997C



763A2A



494D3B



CCCCCC



4D4D4D

Same Dimension

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



65762A



7F9923



40762A



393B35



5F7A00



C2FA00

Inverse Universe

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



3B2A76



3E2399



602A76



36353B



1B007A



3800FA

Previews

White Background



This preview shows how the Hex color 65762A looks on a white background.

Color Contrast Check

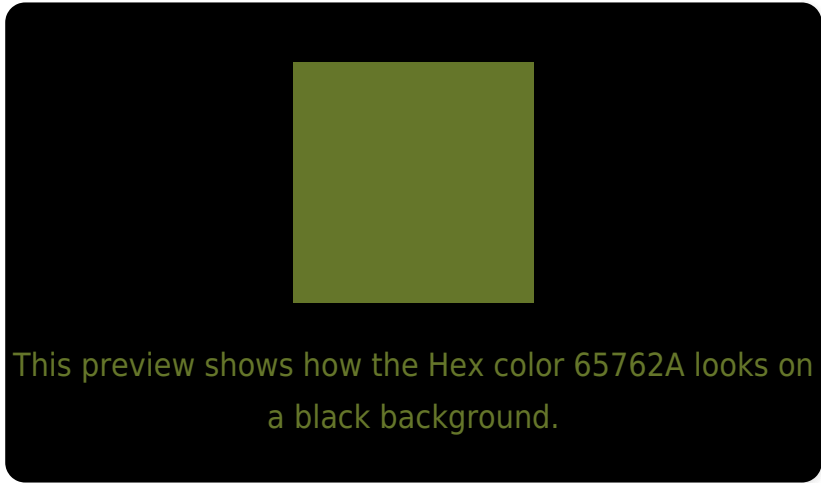
Large Text (above 18pt) WCAG AA ✓ Pass

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

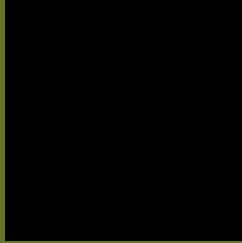
Any Text WCAG AA × Fail

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 65762A Background



This preview shows how black text looks on a background with the Hex color 65762A.



This preview shows how white text looks on a background with the Hex color 65762A.

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
65762A

Protanopia
7C6F28

Deuteranopia
8A692E



Tritanopia
6D6E77

Trichromacy



Original Color
65762A

Protanomaly
747229

Deuteranomaly
7D6E2D

Tritanomaly
6A715B

Monochromacy



Original Color
65762A

Achromatopsia
686868

Achromatomaly
676D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 65762A 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 #65762A looks like.

```
.text, #text, p{  
    color:#65762A  
}
```

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 #65762A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65762A
}
```

Border

The CSS property to change the border of an element to Hex 65762A 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
#65762A }
```

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

```
.border{ border-color:#65762A }
```

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

Here you see how a box with a 4 pixel #65762A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65762A; -webkit-box-shadow:4px 4px  
4px 4px #65762A; box-shadow:4px 4px 4px  
4px #65762A }
```

Background

The CSS property to change the background color of an element to Hex 65762A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65762A }
```

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

```
.background{ background-color:#65762A }
```

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