

Converting Colors

Hex(64565E)

Have a look what the booklet for
Hex(64565E) contains.

| | |
|--|----|
| Hex(64565E) | 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(64565E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 64565E |
| RGB | 100, 86, 94 |
| RGB Percent | 39%, 34%, 37% |
| CMY | 0.6078, 0.6627, 0.6314 |
| CMYK | 0.00, 0.14, 0.06, 0.61 |
| HSL | 326°, 8%, 36% |
| HSV | 326°, 14%, 39% |
| XYZ | 10.6037, 10.1731, 11.9944 |
| YIQ | 91.0980, 5.7760, 5.4560 |

Conversions

Conversions Part 2

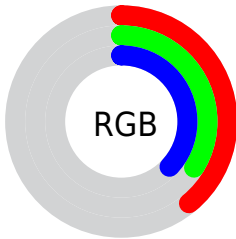
| Format | Color |
|-------------------------------------|----------------------------|
| R_{YB} | 100, 86, 94 |
| Decimal | 6575710 |
| CIE Lab | 38.15, 7.29, -2.51 |
| CIE LCh | 38, 7.710, 340.999 |
| Yxy | 10.1731, 0.3236, 0.3104 |
| Android (android.graphics.Color) | 4284765790 (0xFF64565E) |
| YUV | 91.0980, 1.4307, 7.8071 |
| Hunter-Lab | 31.8952, 3.5264, 0.0303 |

Details

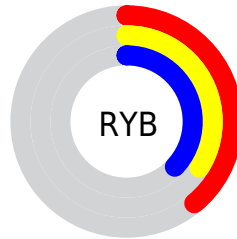
The Hex color **64565E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56645C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **978890**, and **352930** is the 20% darker color. If you saturate the color by 10%, you get **644C5A**, and if you desaturate by 10%, it is **646062**.

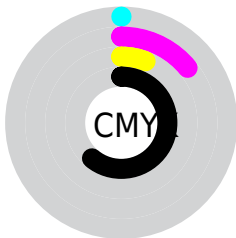
Distribution



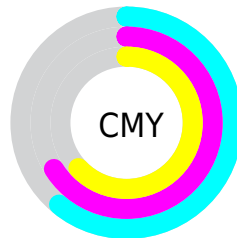
- Red (39%)
- Green (34%)
- Blue (37%)



- Red (39%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (61%)



- Cyan (61%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64565E 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 64565E by changing the saturation by 10% instead.

■ 64565E

■ 64565E

FFFFFF

■ 4C3F46

■ 978890

■ 352930

■ B2A2AB

■ 20141B

■ CDBDC6

■ 000000

■ E9D9E2

■ FFF5FF

■ 64565E

■ 64565E

■ 644C5A

■ 646062

■ 644255

■ 646A67

643851

64746B

642E4D

647E6F

642449

648873

641A44

649278

641040

649C7C

64063C

64A680

640039

64B085

Harmonies

Analogous

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



5E5763



64565E



675658

Triad

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



64565E



5C5A4E



4A5D62

Complementary

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



64565E



56645C

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.



4B5E5C



64565E



555C50

Square

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



64565E



63584E



4F5D56



4F5C65

Rectangle

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



64565E



675654



4F5D56



4A5D60

Sweetspot

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



64565E



827D80



5C5664



423F41



C2C2C2



424242

Same Dimension

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



64565E



826C79



645657



332E31



730042



F2008A

Inverse Universe

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



64565E



826C79



566463



332E31



730042



F2008A

Previews

White Background



This preview shows how the Hex color 64565E looks on a white background.

Color Contrast Check

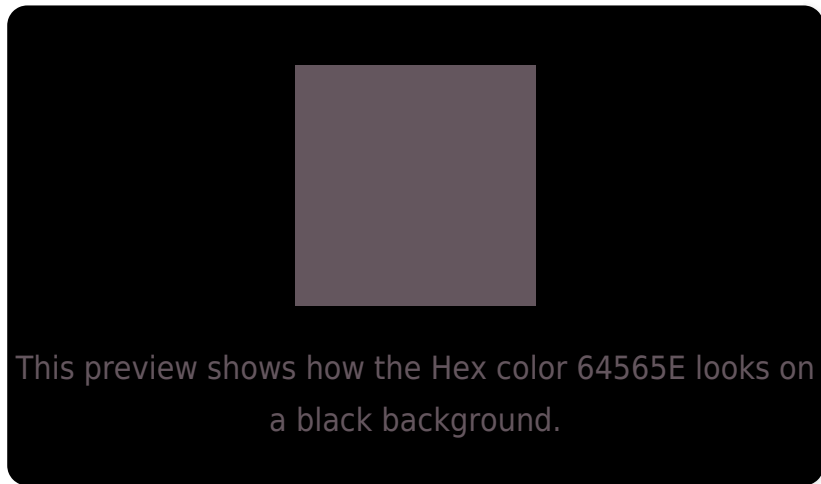
Large Text (above 18pt) WCAG AA ✓ Pass

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

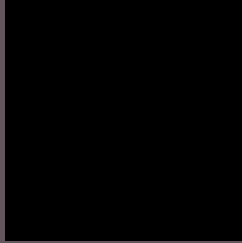
Any Text WCAG AA × Fail

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 64565E Background



This preview shows how black text looks on a background with the Hex color 64565E.

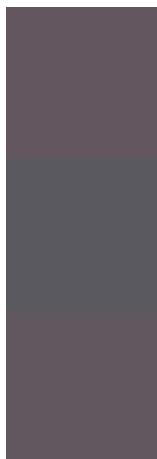


This preview shows how white text looks on a background with the Hex color 64565E.

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
64565E

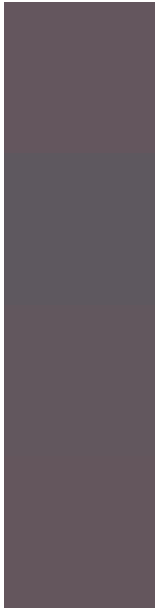
Protanopia
5A5960

Deuteranopia
61575E



Tritanopia
64565D

Trichromacy



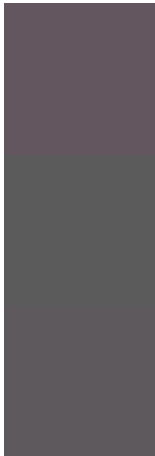
Original Color
64565E

Protanomaly
5E585F

Deuteranomaly
62575E

Tritanomaly
64565D

Monochromacy



Original Color
64565E

Achromatopsia
5B5B5B

Achromatomaly
5E595C

CSS Examples

Text

The CSS property to change the color of the text to Hex 64565E 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 #64565E looks like.

```
.text, #text, p{  
    color:#64565E  
}
```

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 #64565E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64565E
}
```

Border

The CSS property to change the border of an element to Hex 64565E is called "border". The border property can be set on classes, ids or directly on the HTML element.

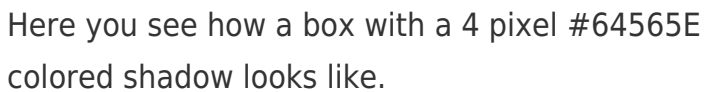
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64565E }
```

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

```
.border{ border-color:#64565E }
```

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



Here you see how a box with a 4 pixel #64565E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64565E; -webkit-box-shadow:4px 4px  
4px 4px #64565E; box-shadow:4px 4px 4px  
4px #64565E }
```

Background

The CSS property to change the background color of an element to Hex 64565E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64565E }
```

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

```
.background{ background-color:#64565E }
```

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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