

Converting Colors

Hex(65568E)

Have a look what the booklet for
Hex(65568E) contains.

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Color

Hex(65568E)

Conversions

Conversions Part 1

Format	Color
Hex	65568E
RGB	101, 86, 142
RGB Percent	40%, 34%, 56%
CMY	0.6039, 0.6627, 0.4431
CMYK	0.29, 0.39, 0.00, 0.44
HSL	256°, 25%, 45%
HSV	256°, 39%, 56%
XYZ	13.5771, 11.3753, 27.0712
YIQ	96.8690, -9.0360, 20.5960

Conversions

Conversions Part 2

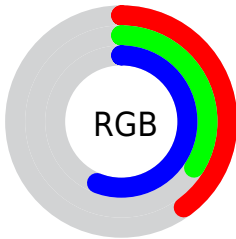
Format	Color
R_{YB}	101, 86, 142
Decimal	6641294
CIE _{Lab}	40.21, 19.11, -28.86
CIE _{LCh}	40, 34.608, 303.512
Yxy	11.3753, 0.2610, 0.2187
Android (android.graphics.Color)	4284831374 (0xFF65568E)
YUV	96.8690, 22.2496, 3.6229
Hunter-Lab	33.7272, 12.8335, -23.9802

Details

The Hex color **65568E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F8E56**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9988C4**, and **34295B** is the 20% darker color. If you saturate the color by 10%, you get **5B488E**, and if you desaturate by 10%, it is **6F648E**.

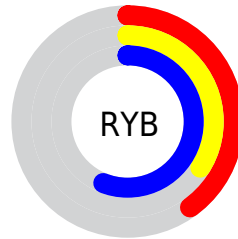
Distribution



Red (40%)

Green (34%)

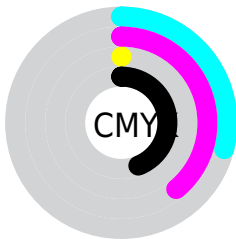
Blue (56%)



Red (40%)

Yellow (34%)

Blue (56%)

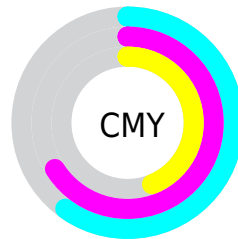


Cyan (29%)

Magenta (39%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65568E 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 65568E by changing the saturation by 10% instead.



65568E



65568E

FFFFFF



4C3F74



9988C4



34295B



B4A2E0



1C1444



D0BDFD



0A002D



EDD9FF



000117



FFF6FF



000000



65568E



65568E



5B488E



6F648E



503A8E



7A728E

462B8E

84818E

3B1D8E

8F8F8E

310F8E

999D8E

27018E

A3AB8E

26008E

AEB98E

B8C88E

C3D68E

Harmonies

Analogous

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



316197



65568E



844B78

Triad

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



65568E



83542C



006D61

Complementary

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



65568E



7F8E56

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.



286B44



65568E



6C5E24

Square

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



65568E



914A41



4F662E



006C7D

Rectangle

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



65568E



904766



4F662E



006D57

Sweetspot

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



65568E



A7A2B8



567F8E



524F5C



DBDBDB



5C5C5C

Same Dimension

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



65568E



7861B8



81568E



424047



240087



020008

Inverse Universe

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



8E567F



B861A0



638E56



474045



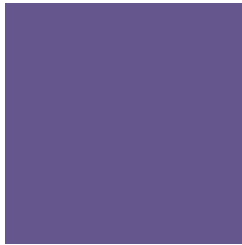
870063



080006

Previews

White Background



This preview shows how the Hex color 65568E looks on a white background.

Color Contrast Check

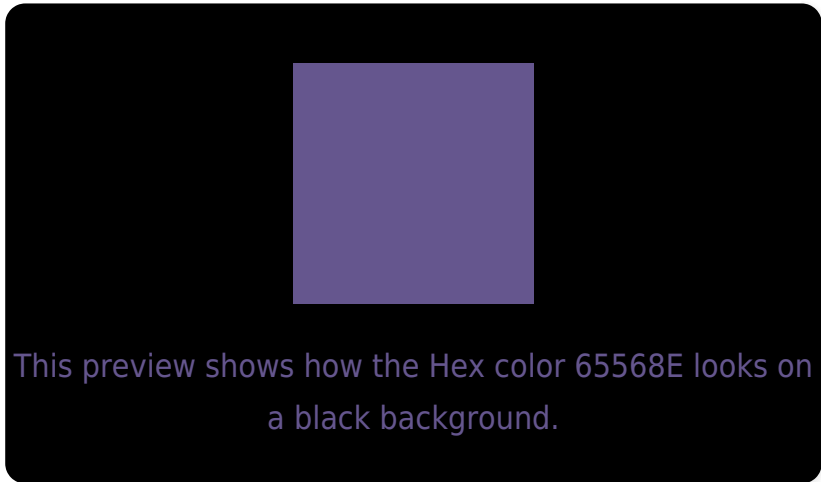
Large Text (above 18pt) WCAG AA ✓ Pass

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

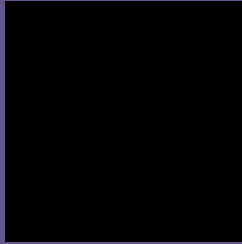
Any Text WCAG AA × Fail

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 65568E Background



This preview shows how black text looks on a background with the Hex color 65568E.

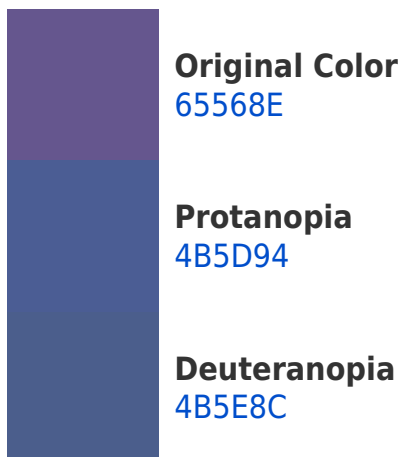



This preview shows how white text looks on a background with the Hex color 65568E.

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





Tritanopia
5D5E66

Trichromacy



Original Color
65568E

Protanomaly
545A92

Deuteranomaly
545B8D

Tritanomaly
605B75

Monochromacy



Original Color
65568E

Achromatopsia
616161

Achromatomaly
625D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 65568E 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 #65568E looks like.

```
.text, #text, p{  
    color:#65568E  
}
```

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 #65568E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65568E
}
```

Border

The CSS property to change the border of an element to Hex 65568E is called "border". The border property can be set on classes, ids or directly on the HTML element.

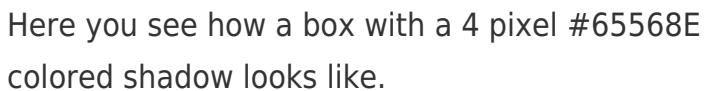
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65568E }
```

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

```
.border{ border-color:#65568E }
```

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



Here you see how a box with a 4 pixel #65568E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65568E; -webkit-box-shadow:4px 4px  
4px 4px #65568E; box-shadow:4px 4px 4px  
4px #65568E }
```

Background

The CSS property to change the background color of an element to Hex 65568E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65568E }
```

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

```
.background{ background-color:#65568E }
```

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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