Converting Colors

Hex(567890)

Have a look what the booklet for Hex(567890) contains.

Hex(567890) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(567890)

Conversions

Conversions Part 1

Format	Color
Hex	567890
RGB	86, 120, 144
RGB Percent	34%, 47%, 56%
CMY	0.6627, 0.5294, 0.4353
CMYK	0.40, 0.17, 0.00, 0.44
HSL	205°, 25%, 45%
HSV	205°, 40%, 56%
XYZ	15.5883, 17.4250, 28.9273
YIQ	112.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

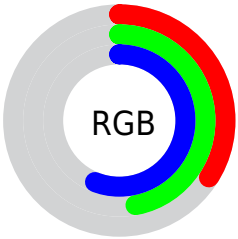
Format	Color
RYB	86, 107, 144
Decimal	5666960
CIELab	48.79, -5.58, -16.86
CIELCh	49, 17.763, 251.679
Yxy	17.4250, 0.2517, 0.2813
Android (android.graphics.Color)	4283857040 (0xFF567890)
YUV	112.5700, 15.4950, -23.3019
Hunter-Lab	41.7433, -6.3931, -11.8666

Details

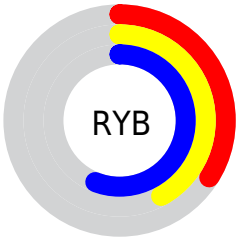
The Hex color 567890 is a dark color, and the websafe version is hex 336699. A complement of this color would be 906E56, and the grayscale version is 707070.

A 20% lighter version of the original color is 8AACC6, and 24485E is the 20% darker color. If you saturate the color by 10%, you get 487290, and if you desaturate by 10%, it is 647E90.

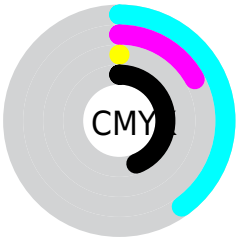
Distribution



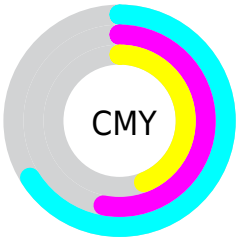
- Red (34%)
- Green (47%)
- Blue (56%)



- Red (34%)
- Yellow (42%)
- Blue (56%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567890 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 567890 by changing the saturation by 10% instead.

567890

FFFFFF

8AACC6

A5C8E2

C1E4FF

DDFFFF

FAFFFF

567890

3D5F76

24485E

063146

001C2F

00011B

000000

567890

487290

396C90

567890

647E90

738490

2B6690

1C6090

0E5A90

005490

818A90

909090

9E9690

AC9C90

BBA290

C9A890

D8AE90

Harmonies

Analogous

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

4A7B87

567890

6A7391

Triad

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

567890

93696E

68795D

Complementary

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

567890

906E56

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.

797556

567890

916B61

Square

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

567890

8C6A7E

877058

577C6A

Rectangle

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

567890

77708D

877058

6E785A

Sweetspot

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

567890

A4B1BA

56906D

51595E

DEDEDE

5E5E5E

Same Dimension

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

567890

6195BA

565C90

404447

004F87

000408

Inverse Universe

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

905678

BA6195

908A56

474044

87004F

080004

Previews

White Background

This preview shows how the Hex color 567890 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

This preview shows how the Hex color 567890 looks on a 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 567890 Background

This preview shows how black text looks on a background with the Hex color 567890.

This preview shows how white text looks on a background with the Hex color 567890.

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
567890

Protanopia
6E728C

Deuteranopia
6F7191

Tritanopia
537A84

Trichromacy

Original Color
567890

Protanomaly
65748D

Deuteranomaly
667491

Tritanomaly
547988

Monochromacy

Original Color
567890

Achromatopsia
717171

Achromatomaly
67747C

CSS Examples

Text

The CSS property to change the color of the text to Hex 567890 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 #567890 looks like.

```
.text, #text, p{
    color:#567890
}
```

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 #567890 colored shadow looks like.

Here you see how black text with a 4 pixel #567890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567890 }
```

Border

The CSS property to change the border of an element to Hex 567890 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 #567890 }
```

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

```
.border{ border-color:#567890 }
```

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

Here you see how a box with a 4 pixel #567890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #567890; -webkit-box-shadow:4px 4px 4px 4px #567890; box-shadow:4px 4px 4px 4px #567890 }
```

Background

The CSS property to change the background color of an element to Hex 567890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#567890 }
```

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

```
.background{ background-color:#567890 }
```

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