

Converting Colors

Hex(537B86)

Have a look what the booklet for
Hex(537B86) contains.

Hex(537B86)	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(537B86)

Conversions

Conversions Part 1

Format	Color
Hex	537B86
RGB	83, 123, 134
RGB Percent	33%, 48%, 53%
CMY	0.6745, 0.5176, 0.4745
CMYK	0.38, 0.08, 0.00, 0.47
HSL	193°, 24%, 43%
HSV	193°, 38%, 53%
XYZ	14.9533, 17.7261, 25.1876
YIQ	112.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

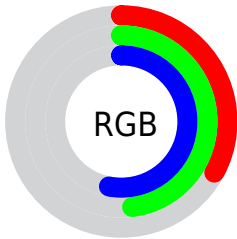
Format	Color
R_{YB}	83, 105, 134
Decimal	5471110
CIE _{Lab}	49.16, -10.95, -10.43
CIE _{LCh}	49, 15.120, 223.591
Yxy	17.7261, 0.2584, 0.3063
Android (android.graphics.Color)	4283661190 (0xFF537B86)
YUV	112.2940, 10.7011, -25.6908
Hunter-Lab	42.1024, -10.2823, -5.9983

Details

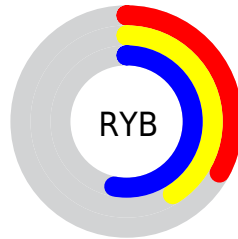
The Hex color **537B86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **865E53**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **87B0BB**, and **214A54** is the 20% darker color. If you saturate the color by 10%, you get **467886**, and if you desaturate by 10%, it is **607E86**.

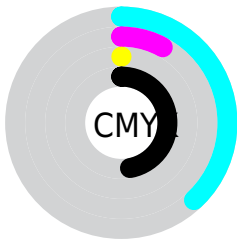
Distribution



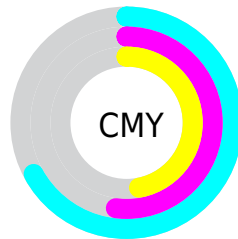
- Red (33%)
- Green (48%)
- Blue (53%)



- Red (33%)
- Yellow (41%)
- Blue (53%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537B86 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 537B86 by changing the saturation by 10% instead.

■ 537B86

■ 537B86

FFFFFF

■ 3A626D

■ 87B0BB

■ 214A54

■ A1CBD7

■ 04343D

■ BDE7F3

■ 001E27

■ D9FFFF

■ 000113

■ F6FFFF

■ 000000

■ 537B86

■ 537B86

■ 467886

■ 607E86

■ 387586

■ 6E8186

■ 2B7286

■ 7B8486

■ 1D6F86

■ 898786

■ 106D86

■ 968986

■ 036A86

■ A38C86

■ 006986

■ B18F86

■ BE9286

■ CC9586

Harmonies

Analogous

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



537C7A



537B86



5D788D

Triad

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



537B86



8A6D7C



79765C

Complementary

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



537B86



865E53

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.



85725D



537B86



8F6C6F

Square

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



537B86



7E7087



8D6E64



6A7962

Rectangle

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



537B86



68758E



8D6E64



7D745B

Sweetspot

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



537B86



9AA9AD



53865D



4B5457



D6D6D6



575757

Same Dimension

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



537B86



5E9CAD



536286



3C4142



006682



000203

Inverse Universe

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



86537B



AD5E9C



867753



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 537B86 looks on a white background.

Color Contrast Check

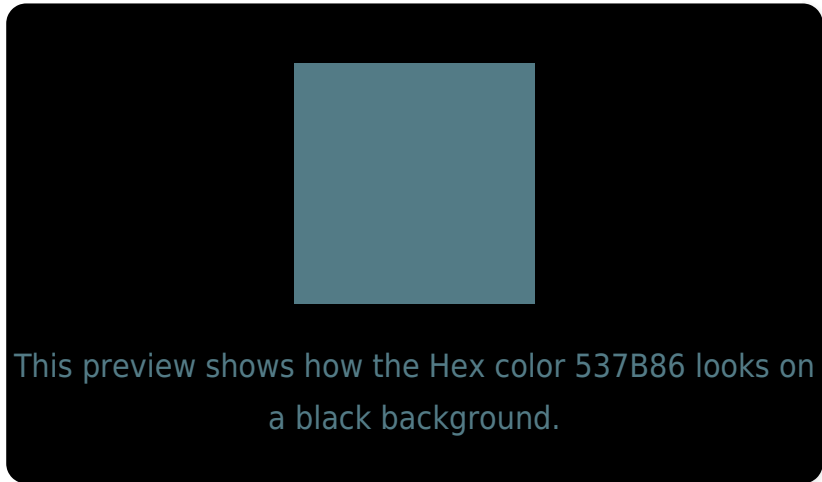
Large Text (above 18pt) WCAG AA ✓ Pass

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

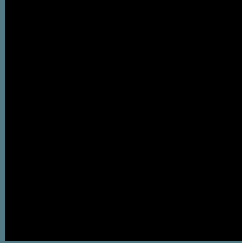
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

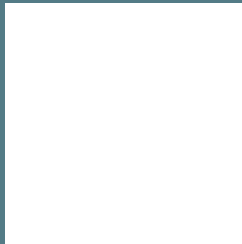
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 537B86 Background



This preview shows how black text looks on a background with the Hex color 537B86.

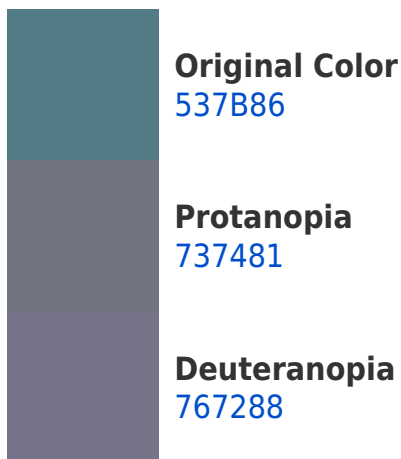


This preview shows how white text looks on a background with the Hex color 537B86.

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](#).

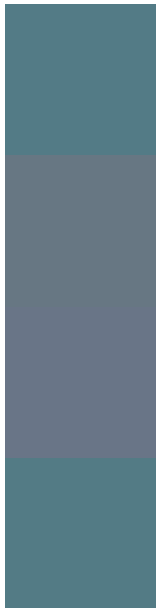
Dichromacy





Tritanopia
537B85

Trichromacy



Original Color
537B86

Protanomaly
677783

Deuteranomaly
697587

Tritanomaly
537B85

Monochromacy



Original Color
537B86

Achromatopsia
707070

Achromatomaly
657478

CSS Examples

Text

The CSS property to change the color of the text to Hex 537B86 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 #537B86 looks like.

```
.text, #text, p{  
    color:#537B86  
}
```

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 #537B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537B86
}
```

Border

The CSS property to change the border of an element to Hex 537B86 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
#537B86 }
```

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

```
.border{ border-color:#537B86 }
```

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

Here you see how a box with a 4 pixel #537B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537B86; -webkit-box-shadow:4px 4px  
4px 4px #537B86; box-shadow:4px 4px 4px  
4px #537B86 }
```

Background

The CSS property to change the background color of an element to Hex 537B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537B86 }
```

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

```
.background{ background-color:#537B86 }
```

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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