

Converting Colors

Hex(357C86)

Have a look what the booklet for
Hex(357C86) contains.

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Color

Hex(357C86)

Conversions

Conversions Part 1

Format	Color
Hex	357C86
RGB	53, 124, 134
RGB Percent	21%, 49%, 53%
CMY	0.7922, 0.5137, 0.4745
CMYK	0.60, 0.07, 0.00, 0.47
HSL	187°, 43%, 37%
HSV	187°, 60%, 53%
XYZ	12.9789, 16.8934, 25.1310
YIQ	103.9110, -45.5260, -11.9420

Conversions

Conversions Part 2

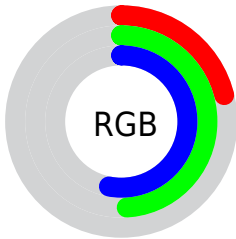
Format	Color
RYB	53, 91, 134
Decimal	3505286
CIELab	48.13, -18.93, -12.12
CIElCh	48, 22.475, 212.635
Yxy	16.8934, 0.2360, 0.3071
Android (android.graphics.Color)	4281695366 (0xFF357C86)
YUV	103.9110, 14.8339, -44.6489
Hunter-Lab	41.1016, -15.5617, -7.4808

Details

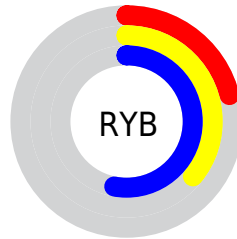
The Hex color **357C86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **863F35**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CB1BB**, and **004B54** is the 20% darker color. If you saturate the color by 10%, you get **287A86**, and if you desaturate by 10%, it is **427E86**.

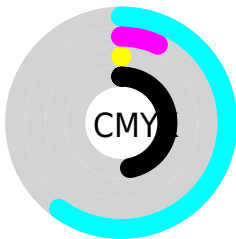
Distribution



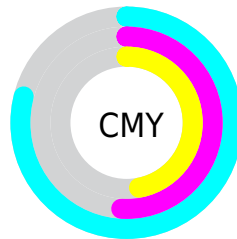
- Red (21%)
- Green (49%)
- Blue (53%)



- Red (21%)
- Yellow (36%)
- Blue (53%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (79%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357C86 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 357C86 by changing the saturation by 10% instead.

 357C86

 357C86

FFFFFF

 14636D

 6CB1BB

 004B54

 88CCD7

 00343D

 A3E9F3

 001F27

 C0FFFF

 000113

 DCFFFF

 000000

 FAFFFF

 357C86

 357C86

 287A86

 427E86

■ 1A7986

■ 507F86

■ 0D7786

■ 5D8186

■ 007586

■ 6B8386

■ 788486

■ 858686

■ 938886

■ A08986

■ AE8B86

Harmonies

Analogous

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



3F7D73



357C86



417993

Triad

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



357C86



8C6784



7E724C

Complementary

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



357C86



863F35

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.



8E6B51



357C86



976471

Square

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



357C86



776D92



97665F



6A7752

Rectangle

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



357C86



527597



97665F



846F4D

Sweetspot

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



357C86



8EAAAD



35863E



445457



D6D6D6



575757

Same Dimension

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



357C86



2F9EAD



355486



3C4142



007282



000203

Inverse Universe

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



86357C



AD2F9E



866735



423C41



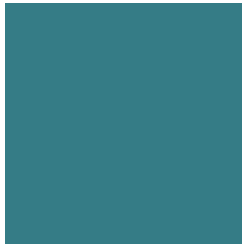
820072



030002

Previews

White Background



This preview shows how the Hex color 357C86 looks on a white background.

Color Contrast Check

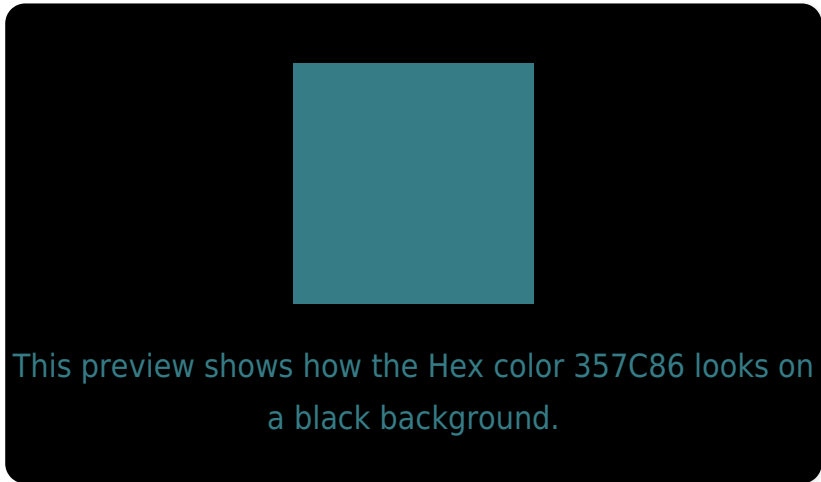
Large Text (above 18pt) WCAG AA ✓ Pass

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

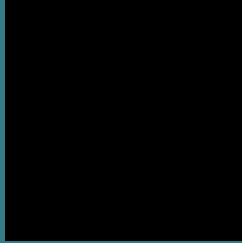
Any Text WCAG AA × Fail

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 357C86 Background



This preview shows how black text looks on a background with the Hex color 357C86.

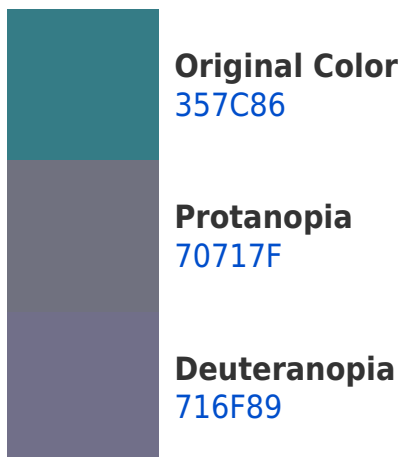


This preview shows how white text looks on a background with the Hex color 357C86.

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
357C86

Trichromacy



Original Color
357C86

Protanomaly
5B7582

Deuteranomaly
5B7488

Tritanomaly
357C86

Monochromacy



Original Color
357C86

Achromatopsia
686868

Achromatomaly
556F73

CSS Examples

Text

The CSS property to change the color of the text to Hex 357C86 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 #357C86 looks like.

```
.text, #text, p{  
    color:#357C86  
}
```

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 #357C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357C86
}
```

Border

The CSS property to change the border of an element to Hex 357C86 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
#357C86 }
```

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

```
.border{ border-color:#357C86 }
```

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

Here you see how a box with a 4 pixel #357C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357C86; -webkit-box-shadow:4px 4px  
4px 4px #357C86; box-shadow:4px 4px 4px  
4px #357C86 }
```

Background

The CSS property to change the background color of an element to Hex 357C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357C86 }
```

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

```
.background{ background-color:#357C86 }
```

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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