

Converting Colors

Hex(255086)

Have a look what the booklet for
Hex(255086) contains.

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Color

Hex(255086)

Conversions

Conversions Part 1

Format	Color
Hex	255086
RGB	37, 80, 134
RGB Percent	15%, 31%, 53%
CMY	0.8549, 0.6863, 0.4745
CMYK	0.72, 0.40, 0.00, 0.47
HSL	213°, 57%, 34%
HSV	213°, 72%, 53%
XYZ	7.9347, 7.8519, 23.6516
YIQ	73.2990, -42.9620, 7.6780

Conversions

Conversions Part 2

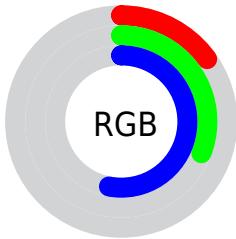
Format	Color
R_{YB}	37, 67, 134
Decimal	2445446
CIE Lab	33.67, 4.42, -34.58
CIE LCh	34, 34.865, 277.282
Yxy	7.8519, 0.2012, 0.1991
Android (android.graphics.Color)	4280635526 (0xFF255086)
YUV	73.2990, 29.9256, -31.8342
Hunter-Lab	28.0212, 1.5083, -30.4296




Details

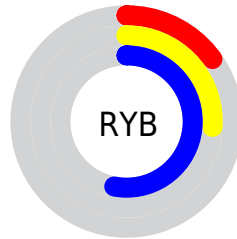
The Hex color **255086** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **865B25**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **5E81BC**, and **002454** is the 20% darker color. If you saturate the color by 10%, you get **184986**, and if you desaturate by 10%, it is **325786**.

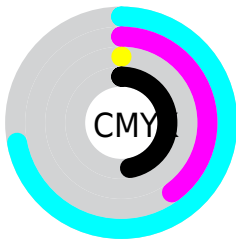
Distribution







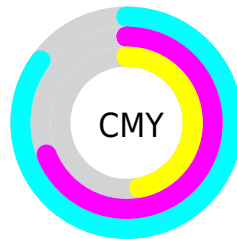
-  Red (15%)
-  Green (31%)
-  Blue (53%)






-  Red (15%)
-  Yellow (26%)
-  Blue (53%)



-  Cyan (72%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255086 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 255086 by changing the saturation by 10% instead.

■ 255086

■ 255086

FFFFFF

■ 00396C

■ 5E81BC

■ 002454

■ 7A9BD8

■ 000F3C

■ 95B5F4

■ 000326

■ B2D1FF

■ 00010F

■ CEEDFF

■ 000000

■ EBFFFF

■ 255086

■ 255086

■ 184986

■ 325786

■ 0A4186

■ 405F86

■ 003B86

■ 4D6686

■ 5B6E86

■ 687586

■ 757D86

■ 838486

■ 908C86

■ 9E9386

Harmonies

Analogous

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



005882



255086



5A457B

Triad

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



255086



7E3C2F



075B39

Complementary

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



255086



865B25

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.



3B5721



255086



6F461B

Square

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



255086



82364A



585014



005D55

Rectangle

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



255086



6E3E6D



585014



205A30

Sweetspot

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



255086



8798AD



25865A



404A57



D6D6D6



575757

Same Dimension

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



255086



1759AD



2A2586



3C3F42



003A82



000103

Inverse Universe

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



862550



AD1759



818625



423C3F



82003A



030001

Previews

White Background



This preview shows how the Hex color 255086 looks on a white background.

Color Contrast Check

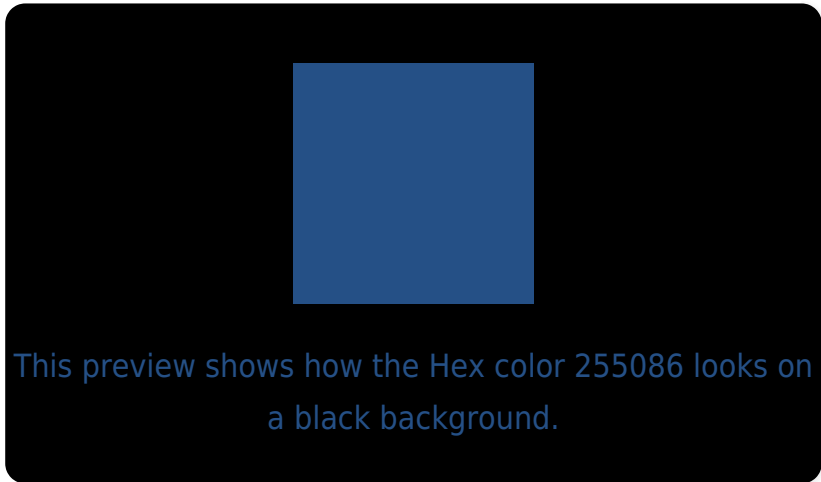
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 255086 Background



This preview shows how black text looks on a background with the Hex color 255086.



This preview shows how white text looks on a background with the Hex color 255086.

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](#).

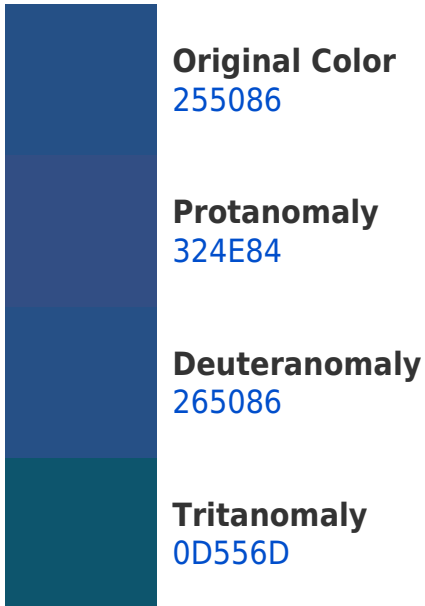
Dichromacy





Tritanopia
00585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 255086 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 #255086 looks like.

```
.text, #text, p{  
    color:#255086  
}
```

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 #255086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255086
}
```

Border

The CSS property to change the border of an element to Hex 255086 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
#255086 }
```

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

```
.border{ border-color:#255086 }
```

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

Here you see how a box with a 4 pixel #255086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255086; -webkit-box-shadow:4px 4px  
4px 4px #255086; box-shadow:4px 4px 4px  
4px #255086 }
```

Background

The CSS property to change the background color of an element to Hex 255086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255086 }
```

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

```
.background{ background-color:#255086 }
```

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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