

Converting Colors

Hex(255096)

Have a look what the booklet for
Hex(255096) contains.

Hex(255096)	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(255096)

Conversions

Conversions Part 1

Format	Color
Hex	255096
RGB	37, 80, 150
RGB Percent	15%, 31%, 59%
CMY	0.8549, 0.6863, 0.4118
CMYK	0.75, 0.47, 0.00, 0.41
HSL	217°, 60%, 37%
HSV	217°, 75%, 59%
XYZ	9.1366, 8.3326, 29.9810
YIQ	75.1230, -48.0980, 12.6540

Conversions

Conversions Part 2

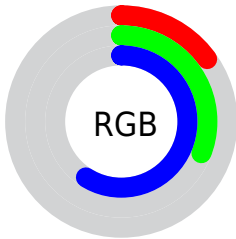
Format	Color
R_{YB}	37, 68, 150
Decimal	2445462
CIE _{Lab}	34.67, 10.66, -42.76
CIE _{LCh}	35, 44.066, 283.993
Yxy	8.3326, 0.1926, 0.1756
Android (android.graphics.Color)	4280635542 (0xFF255096)
YUV	75.1230, 36.9144, -33.4339
Hunter-Lab	28.8663, 5.9819, -41.3730

Details

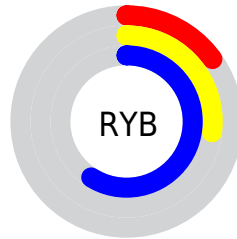
The Hex color **255096** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **966B25**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6281CD**, and **002562** is the 20% darker color. If you saturate the color by 10%, you get **164796**, and if you desaturate by 10%, it is **345996**.

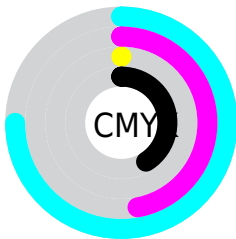
Distribution



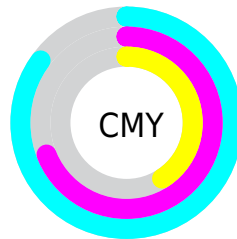
- Red (15%)
- Green (31%)
- Blue (59%)



- Red (15%)
- Yellow (27%)
- Blue (59%)



- Cyan (75%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255096 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 255096 by changing the saturation by 10% instead.

 255096

 255096

FFFFFF

 00397C

 6281CD

 002562

 7E9BE9

 00104A

 9AB5FF

 000433

 B7D1FF

 00021D

 D4EDFF

 000000

 F1FFFF

 255096

 255096

 164796

 345996

■ 073D96

■ 436396

■ 003996

■ 526C96

■ 617596

■ 707E96

■ 7F8896

■ 8E9196

■ 9D9A96

■ ACA496

Harmonies

Analogous

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



005B95



255096



684184

Triad

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



255096



883A22



00613D

Complementary

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



255096



966B25

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.



2A5D1A



255096



724904

Square

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



255096



902E43



535500



006261

Rectangle

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



255096



7F3671



535500



006031

Sweetspot

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



255096



95A6C2



25966B



465061



E0E0E0



616161

Same Dimension

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



255096



1356C2



322596



43454A



00348A



00040A

Inverse Universe

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



962550



C21356



899625



4A4345



8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 255096 looks on a white background.

Color Contrast Check

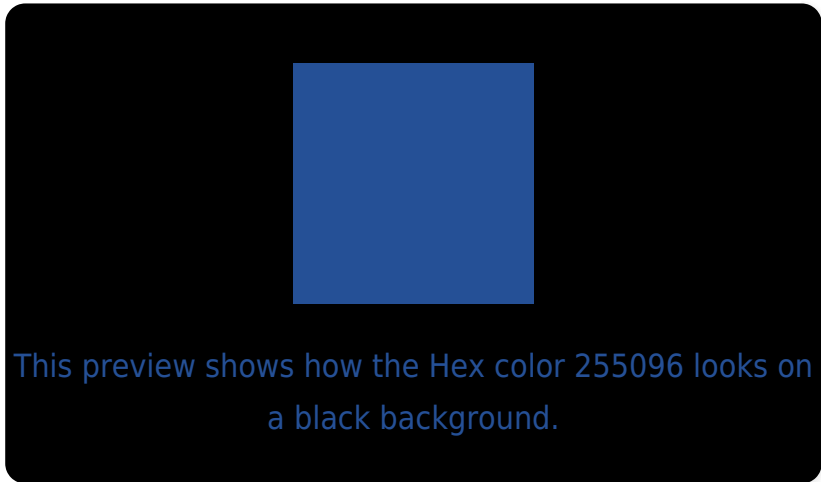
Large Text (above 18pt) WCAG AA ✓ Pass

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

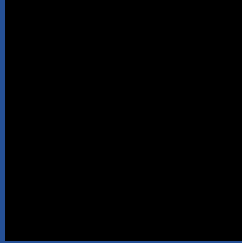
Any Text WCAG AA × Fail

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 255096 Background



This preview shows how black text looks on a background with the Hex color 255096.



This preview shows how white text looks on a background with the Hex color 255096.

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
005A61

Trichromacy



Original Color
255096

Protanomaly
2B4F95

Deuteranomaly
0D5293

Tritanomaly
0D5674

Monochromacy



Original Color
255096

Achromatopsia
4B4B4B

Achromatomaly
3D4D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 255096 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 #255096 looks like.

```
.text, #text, p{  
    color:#255096  
}
```

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 #255096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255096
}
```

Border

The CSS property to change the border of an element to Hex 255096 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
#255096 }
```

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

```
.border{ border-color:#255096 }
```

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

Here you see how a box with a 4 pixel #255096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255096; -webkit-box-shadow:4px 4px  
4px 4px #255096; box-shadow:4px 4px 4px  
4px #255096 }
```

Background

The CSS property to change the background color of an element to Hex 255096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255096 }
```

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

```
.background{ background-color:#255096 }
```

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