

Converting Colors

Hex(125296)

Have a look what the booklet for
Hex(125296) contains.

Hex(125296)	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(125296)

Conversions

Conversions Part 1	
Format	Color
Hex	125296
RGB	18, 82, 150
RGB Percent	7%, 32%, 59%
CMY	0.9294, 0.6784, 0.4118
CMYK	0.88, 0.45, 0.00, 0.41
HSL	211°, 79%, 33%
HSV	211°, 88%, 59%
XYZ	8.7718, 8.3652, 30.0065
YIQ	70.6160, -59.9720, 7.5800

Conversions

Conversions Part 2

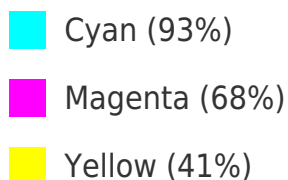
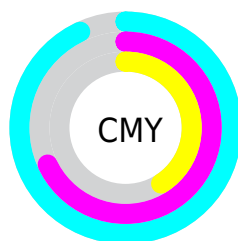
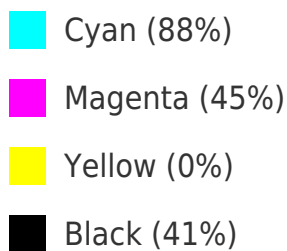
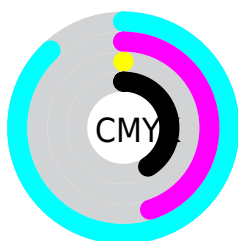
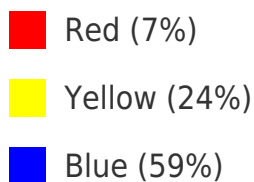
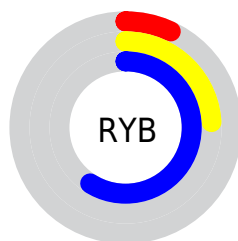
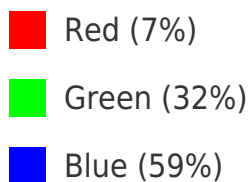
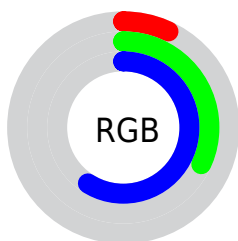
Format	Color
RYB	18, 61, 150
Decimal	1200790
CIELab	34.73, 7.28, -42.68
CIELCh	35, 43.299, 279.680
Yxy	8.3652, 0.1861, 0.1774
Android (android.graphics.Color)	4279390870 (0xFF125296)
YUV	70.6160, 39.1363, -46.1442
Hunter-Lab	28.9226, 3.5215, -41.2660

Details

The Hex color **125296** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **965612**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5883CD**, and **002662** is the 20% darker color. If you saturate the color by 10%, you get **034A96**, and if you desaturate by 10%, it is **215A96**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 125296 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 125296 by changing the saturation by 10% instead.

 125296

 125296

FFFFFF

 003B7C

 5883CD

 002662

 759DE9

 00124A

 92B8FF

 000433

 AFD3FF

 00021D

 CCEFFF


 000000

 E9FFFF

 125296

 125296

 034A96

 215A96

■ 004996

■ 306196

■ 3F6996

■ 4E7196

■ 5D7996

■ 6C8096

■ 7B8896

■ 8A9096

■ 999896

Harmonies

Analogous

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



005C92



125296



614387

Triad

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



125296



893927



006038

Complementary

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



125296



965612

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.



325C17



125296



75470A

Square

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



125296



8F2F48



585400



00625C

Rectangle

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



125296



7B3975



585400



005F2D

Sweetspot

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



125296



8FA8C2



129654



435161



E0E0E0



616161

Same Dimension

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



125296



005EC2



121296



43464A



00438A



00050A

Inverse Universe

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



961252



C2005E



969612



4A4346



8A0043



0A0005

Previews

White Background



This preview shows how the Hex color 125296 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



This preview shows how the Hex color 125296 looks on a 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 125296 Background



This preview shows how black text looks on a background with the Hex color 125296.



This preview shows how white text looks on a background with the Hex color 125296.

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
125296

Protanopia
304F93

Deuteranopia
005393

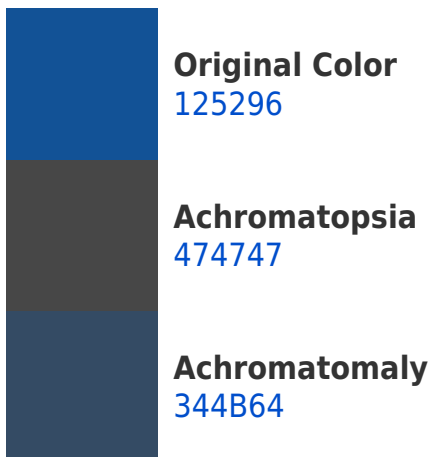


Tritanopia
005B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 125296 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 #125296 looks like.

```
.text, #text, p{  
    color:#125296  
}
```

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 #125296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125296
}
```

Border

The CSS property to change the border of an element to Hex 125296 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
#125296 }
```

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

```
.border{ border-color:#125296 }
```

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

Here you see how a box with a 4 pixel #125296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125296; -webkit-box-shadow:4px 4px  
4px 4px #125296; box-shadow:4px 4px 4px  
4px #125296 }
```

Background

The CSS property to change the background color of an element to Hex 125296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125296 }
```

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

```
.background{ background-color:#125296 }
```

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