

Converting Colors

Hex(124587)

Have a look what the booklet for
Hex(124587) contains.

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Color

Hex(124587)

Conversions

Conversions Part 1

Format	Color
Hex	124587
RGB	18, 69, 135
RGB Percent	7%, 27%, 53%
CMY	0.9294, 0.7294, 0.4706
CMYK	0.87, 0.49, 0.00, 0.47
HSL	214°, 76%, 30%
HSV	214°, 87%, 53%
XYZ	6.7508, 6.1341, 23.7499
YIQ	61.2750, -51.5820, 9.7140

Conversions

Conversions Part 2

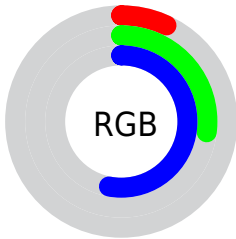
Format	Color
R_{YB}	18, 54, 135
Decimal	1197447
CIE Lab	29.75, 9.87, -41.52
CIE LCh	30, 42.674, 283.379
Yxy	6.1341, 0.1843, 0.1674
Android (android.graphics.Color)	4279387527 (0xFF124587)
YUV	61.2750, 36.3464, -37.9522
Hunter-Lab	24.7671, 5.3110, -39.5178

Details

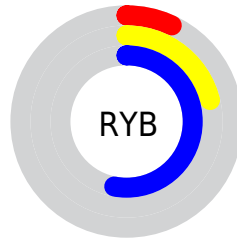
The Hex color **124587** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **875412**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5475BD**, and **001B54** is the 20% darker color. If you saturate the color by 10%, you get **043D87**, and if you desaturate by 10%, it is **1F4D87**.

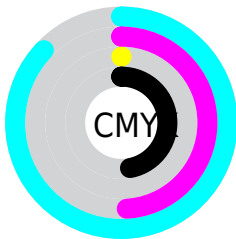
Distribution



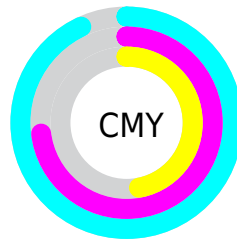
- Red (7%)
- Green (27%)
- Blue (53%)



- Red (7%)
- Yellow (21%)
- Blue (53%)



- Cyan (87%)
- Magenta (49%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124587 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 124587 by changing the saturation by 10% instead.

■ 124587

■ 124587

FFFFFF

■ 002F6D

■ 5475BD

■ 001B54

■ 718ED9

■ 00003D

■ 8DA8F6

■ 000326

■ A9C3FF

■ 00010F

■ C6DFFF

■ 000000

■ E3FCFF

■ 124587

■ 124587

■ 043D87

■ 1F4D87

■ 003B87

■ 2D5487

■ 3A5C87

■ 486387

■ 566B87

■ 637387

■ 717A87

■ 7E8287

■ 8B8A87

Harmonies

Analogous

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



004F86



124587



5A3677

Triad

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



124587



792F1A



005432

Complementary

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



124587



875412

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.



215010



124587



643E00

Square

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



124587



812339



484900



005554

Rectangle

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



124587



702B64



484900



005327

Sweetspot

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



124587



8296B0



128752



3E4A59



D9D9D9



595959

Same Dimension

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



124587



004DB0



181287



3C3F42



003982



000103

Inverse Universe

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



871245



B0004D



818712



423C3F



820039



030001

Previews

White Background



This preview shows how the Hex color 124587 looks on a white background.

Color Contrast Check

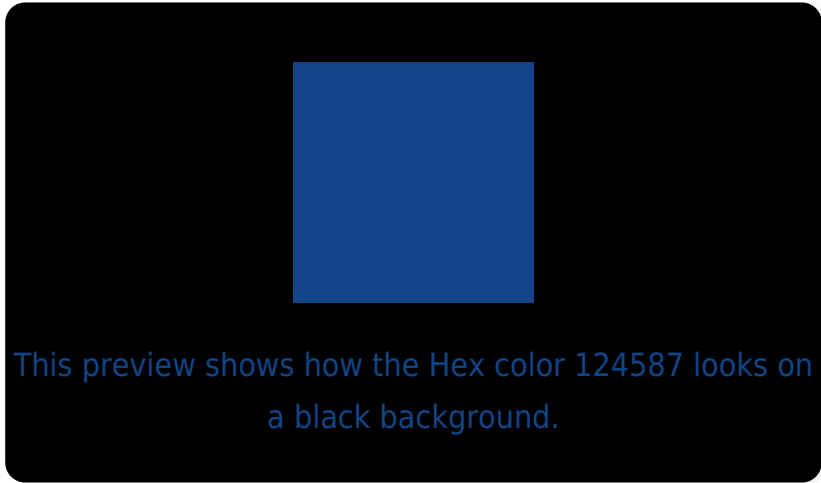
Large Text (above 18pt) WCAG AA ✓ Pass

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

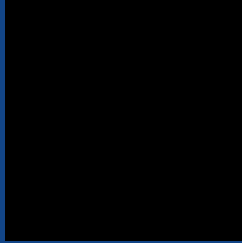
Any Text WCAG AA × Fail

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 124587 Background



This preview shows how black text looks on a background with the Hex color 124587.



This preview shows how white text looks on a background with the Hex color 124587.

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
124587

Protanopia
214486

Deuteranopia
00487D



Tritanopia
004E53

Trichromacy



Original Color
124587

Protanomaly
1C4486

Deuteranomaly
074781

Tritanomaly
074B66

Monochromacy



Original Color
124587

Achromatopsia
3D3D3D

Achromatomaly
2D4058

CSS Examples

Text

The CSS property to change the color of the text to Hex 124587 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 #124587 looks like.

```
.text, #text, p{  
    color:#124587  
}
```

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 #124587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124587
}
```

Border

The CSS property to change the border of an element to Hex 124587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

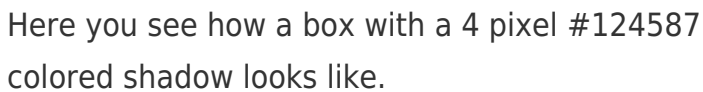
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#124587 }
```

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

```
.border{ border-color:#124587 }
```

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



Here you see how a box with a 4 pixel #124587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124587; -webkit-box-shadow:4px 4px  
4px 4px #124587; box-shadow:4px 4px 4px  
4px #124587 }
```

Background

The CSS property to change the background color of an element to Hex 124587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124587 }
```

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

```
.background{ background-color:#124587 }
```

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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