

# Converting Colors

Hex(184588)

Have a look what the booklet for  
Hex(184588) contains.

<b>Hex(184588)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(184588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	184588
RGB	24, 69, 136
RGB Percent	9%, 27%, 53%
CMY	0.9059, 0.7294, 0.4667
CMYK	0.82, 0.49, 0.00, 0.47
HSL	216°, 70%, 31%
HSV	216°, 82%, 53%
XYZ	6.9487, 6.2280, 24.1284
YIQ	63.1830, -48.3270, 11.2970

# Conversions

## Conversions Part 2

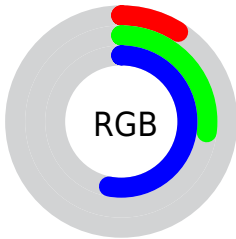
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 56, 136
Decimal	1590664
CIE <sub>Lab</sub>	29.98, 10.88, -41.75
CIE <sub>LCh</sub>	30, 43.145, 284.604
Yxy	6.2280, 0.1863, 0.1669
Android (android.graphics.Color)	4279780744 (0xFF184588)
YUV	63.1830, 35.8988, -34.3635
Hunter-Lab	24.9560, 6.0286, -39.8548

# Details

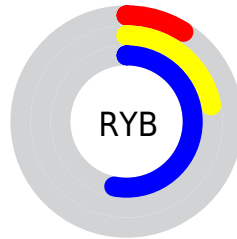
The Hex color **184588** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **885B18**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5775BE**, and **001B55** is the 20% darker color. If you saturate the color by 10%, you get **0A3D88**, and if you desaturate by 10%, it is **264D88**.

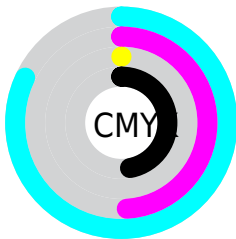
# Distribution



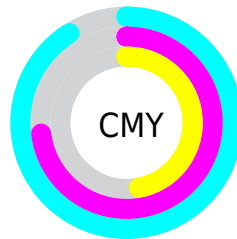
- Red (9%)
- Green (27%)
- Blue (53%)



- Red (9%)
- Yellow (22%)
- Blue (53%)



- Cyan (82%)
- Magenta (49%)
- Yellow (0%)
- Black (47%)



- Cyan (91%)
- Magenta (73%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 184588 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 184588 by changing the saturation by 10% instead.



■ 184588

■ 184588

FFFFFF

■ 002F6E

■ 5775BE

■ 001B55

■ 738EDA

■ 00003E

■ 8FA8F7

■ 000327

■ ACC4FF

■ 000110

■ C9DFFF

■ 000000

■ E6FCFF

■ 184588

■ 184588

■ 0A3D88

■ 264D88

■ 003788

■ 335588

■ 415D88

■ 4E6688

■ 5C6E88

■ 6A7688

■ 777E88

■ 858688

■ 928E88

# Harmonies

## Analogous

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



004F87



184588



5C3677

# Triad

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



184588



793018



005534

# Complementary

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



184588



885B18

# 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.



1E5111



184588



643F00

# Square

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



184588



822338



474A00



005657

# Rectangle

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



184588



722B64



474A00



005428



# Sweetspot

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



184588



8496B0



188859



3E4959



D9D9D9



595959



# Same Dimension

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



184588



0248B0



211888



3E4145



003585



000205



# Inverse Universe

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



881845



B00248



7F8818



453E41



850035



050002



# Previews

## White Background



This preview shows how the Hex color 184588 looks on a white background.

## Color Contrast Check

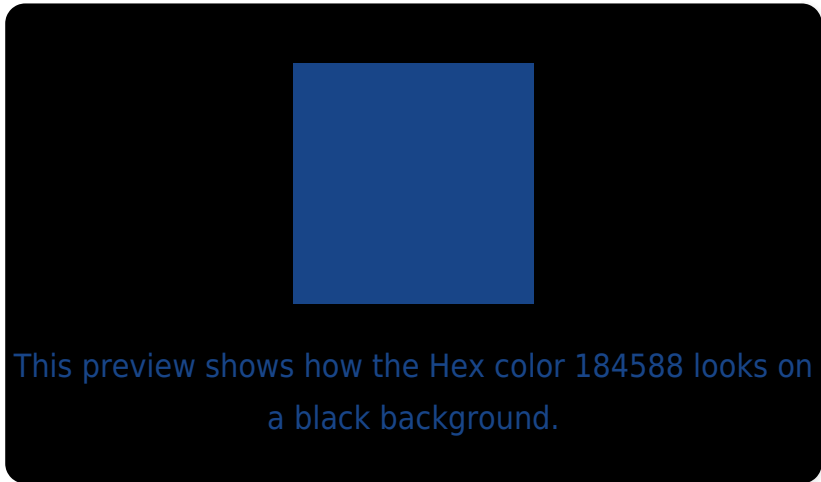
Large Text (above 18pt) WCAG AA ✓ Pass

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

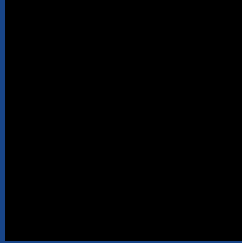
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 184588 Background



This preview shows how black text looks on a background with the Hex color 184588.



This preview shows how white text looks on a background with the Hex color 184588.

# 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**  
004E54

# Trichromacy



**Original Color**  
184588

**Protanomaly**  
1D4487

**Deuteranomaly**  
094782

**Tritanomaly**  
094B67

# Monochromacy



**Original Color**  
184588

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
31415A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 184588 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 #184588 looks like.

```
.text, #text, p{  
    color:#184588  
}
```

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 #184588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184588
}
```

## Border

The CSS property to change the border of an element to Hex 184588 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
#184588 }
```

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

```
.border{ border-color:#184588 }
```

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

Here you see how a box with a 4 pixel #184588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184588; -webkit-box-shadow:4px 4px  
4px 4px #184588; box-shadow:4px 4px 4px  
4px #184588 }
```

# Background

The CSS property to change the background color of an element to Hex 184588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184588 }
```

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

```
.background{ background-color:#184588 }
```

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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