

Converting Colors

Hex(194358)

Have a look what the booklet for
Hex(194358) contains.

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Color

Hex(194358)

Conversions

Conversions Part 1

Format	Color
Hex	194358
RGB	25, 67, 88
RGB Percent	10%, 26%, 35%
CMY	0.9020, 0.7373, 0.6549
CMYK	0.72, 0.24, 0.00, 0.65
HSL	200°, 56%, 22%
HSV	200°, 72%, 35%
XYZ	4.1695, 4.9256, 9.9635
YIQ	56.8360, -31.7730, -2.3730

Conversions

Conversions Part 2

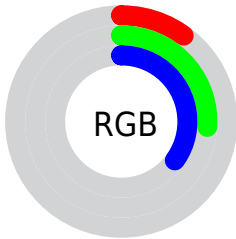
Format	Color
R_{YB}	25, 50, 88
Decimal	1655640
CIE _{Lab}	26.52, -6.94, -16.81
CIE _{LCh}	27, 18.189, 247.563
Yxy	4.9256, 0.2188, 0.2584
Android (android.graphics.Color)	4279845720 (0xFF194358)
YUV	56.8360, 15.3639, -27.9202
Hunter-Lab	22.1936, -5.3041, -11.0818

Details

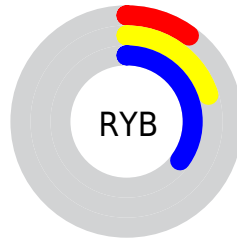
The Hex color **194358** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **582E19**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4D738A**, and **00192A** is the 20% darker color. If you saturate the color by 10%, you get **104058**, and if you desaturate by 10%, it is **224658**.

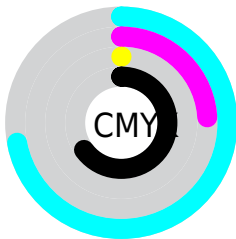
Distribution



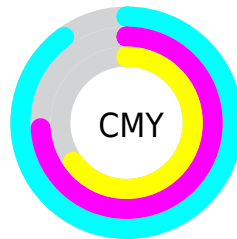
- Red (10%)
- Green (26%)
- Blue (35%)



- Red (10%)
- Yellow (20%)
- Blue (35%)



- Cyan (72%)
- Magenta (24%)
- Yellow (0%)
- Black (65%)



- Cyan (90%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194358 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 194358 by changing the saturation by 10% instead.

■ 194358

■ 194358

FFFFFF

■ 002D41

■ 4D738A

■ 00192A

■ 678CA4

■ 000116

■ 81A7BF

■ 000000

■ 9CC2DB

■ B7DEF8

■ D3FAFF

■ F0FFFF

■ 194358

■ 194358

■ 104058

■ 224658

■ 073D58

■ 2B4958

■ 003B58

■ 334C58

■ 3C4F58

■ 455258

■ 4E5558

■ 575858

■ 5F5A58

■ 685D58

Harmonies

Analogous

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



07454F



194358



313F5A

Triad

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



194358



5A343C



354328

Complementary

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



194358



582E19

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.



453F23



194358



58362F

Square

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



194358



53364A



513A25



254534

Rectangle

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



194358



3F3C57



513A25



3B4226

Sweetspot

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



194358



5B6B73



19582E



2C363B



BABABA



3B3B3B

Same Dimension

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



194358



105273



192558



272A2B



00476B



009CEB

Inverse Universe

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



581943



731052



584E19



2B272A



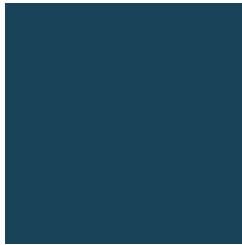
6B0047



EB009C

Previews

White Background



This preview shows how the Hex color 194358 looks on a white background.

Color Contrast Check

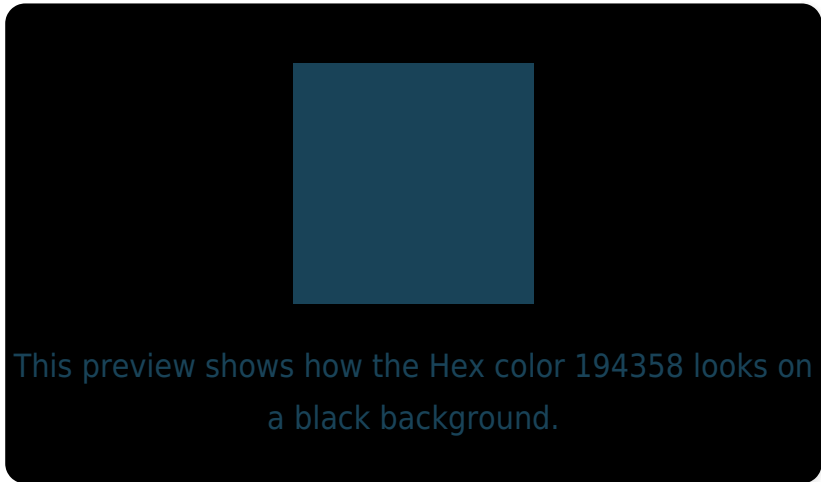
Large Text (above 18pt) WCAG AA ✓ Pass

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

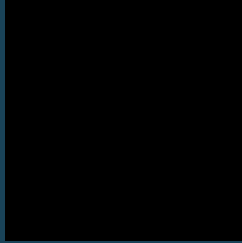
Any Text WCAG AA × Fail

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 194358 Background



This preview shows how black text looks on a background with the Hex color 194358.



This preview shows how white text looks on a background with the Hex color 194358.

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
194358

Protanopia
383E54

Deuteranopia
353E59



Tritanopia
0F454B

Trichromacy



Original Color
194358

Protanomaly
2D4055

Deuteranomaly
2B4059

Tritanomaly
134450

Monochromacy



Original Color
194358

Achromatopsia
393939

Achromatomaly
2D3D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 194358 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 #194358 looks like.

```
.text, #text, p{  
    color:#194358  
}
```

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 #194358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194358
}
```

Border

The CSS property to change the border of an element to Hex 194358 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".

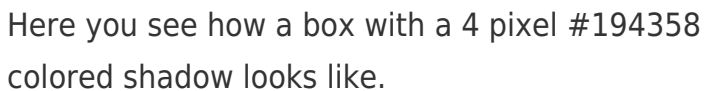
```
.border, #border, table{ border:4px solid
#194358 }
```

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

```
.border{ border-color:#194358 }
```

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

Here you see how a box with a 4 pixel #194358 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194358; -webkit-box-shadow:4px 4px  
4px 4px #194358; box-shadow:4px 4px 4px  
4px #194358 }
```

Background

The CSS property to change the background color of an element to Hex 194358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194358 }
```

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

```
.background{ background-color:#194358 }
```

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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