

Converting Colors

Hex(193754)

Have a look what the booklet for
Hex(193754) contains.

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Color

Hex(193754)

Conversions

Conversions Part 1

Format	Color
Hex	193754
RGB	25, 55, 84
RGB Percent	10%, 22%, 33%
CMY	0.9020, 0.7843, 0.6706
CMYK	0.70, 0.35, 0.00, 0.67
HSL	209°, 54%, 21%
HSV	209°, 70%, 33%
XYZ	3.3673, 3.5791, 8.9009
YIQ	49.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

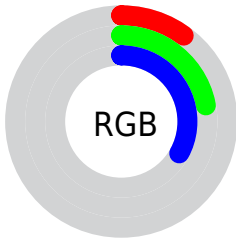
Format	Color
R_{YB}	25, 45, 84
Decimal	1652564
CIE _{Lab}	22.23, -0.56, -20.89
CIE _{LCh}	22, 20.897, 268.465
Yxy	3.5791, 0.2125, 0.2259
Android (android.graphics.Color)	4279842644 (0xFF193754)
YUV	49.3360, 17.0894, -21.3427
Hunter-Lab	18.9186, -1.3364, -14.6518

Details

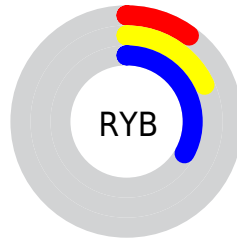
The Hex color **193754** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **543619**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4C6686**, and **000B27** is the 20% darker color. If you saturate the color by 10%, you get **113354**, and if you desaturate by 10%, it is **213B54**.

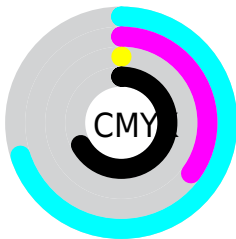
Distribution



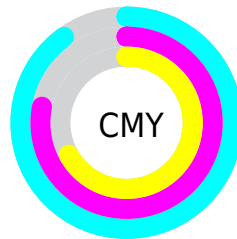
- Red (10%)
- Green (22%)
- Blue (33%)



- Red (10%)
- Yellow (18%)
- Blue (33%)



- Cyan (70%)
- Magenta (35%)
- Yellow (0%)
- Black (67%)



- Cyan (90%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193754 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 193754 by changing the saturation by 10% instead.

■ 193754

■ 193754

FFFFFF

■ 00223D

■ 4C6686

■ 000B27

■ 657EA0

■ 000111

■ 7F98BB

■ 000000

■ 9AB3D7

■ B5CFF3

■ D1EBFF

■ EEEFFF

■ 193754

■ 193754

■ 113354

■ 213B54

■ 082F54

■ 2A3F54

■ 002B54

■ 324354

■ 3B4854

■ 434C54

■ 4B5054

■ 545454

■ 5C5854

■ 655C54

Harmonies

Analogous

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



003B4F



193754



353150

Triad

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



193754



522A27



1C3C24

Complementary

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



193754



543619

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.



303919



193754



4B2E1B

Square

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



193754



512837



3F3415



003D34

Rectangle

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



193754



422D4A



3F3415



233B20

Sweetspot

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



193754



57626E



195436



2A3138



B8B8B8



383838

Same Dimension

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



193754



12406E



191A54



252729



003569



0076E8

Inverse Universe

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



541937



6E1240



545319



292527



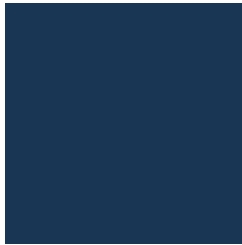
690035



E80076

Previews

White Background



This preview shows how the Hex color 193754 looks on a white background.

Color Contrast Check

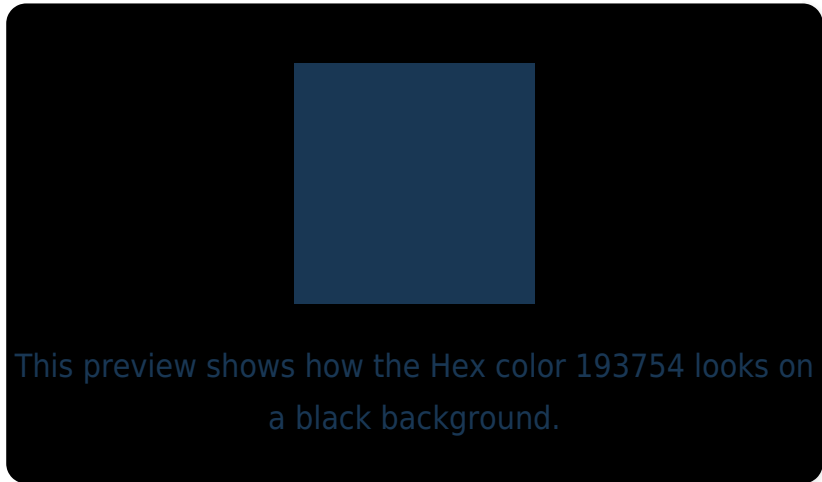
Large Text (above 18pt) WCAG AA ✓ Pass

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 193754 Background



This preview shows how black text looks on a background with the Hex color 193754.



This preview shows how white text looks on a background with the Hex color 193754.

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
193754

Protanopia
2B3452

Deuteranopia
243554



Tritanopia
063B40

Trichromacy



Original Color
193754

Protanomaly
243553

Deuteranomaly
203654

Tritanomaly
0D3A47

Monochromacy



Original Color
193754

Achromatopsia
313131

Achromatomaly
28333E

CSS Examples

Text

The CSS property to change the color of the text to Hex 193754 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 #193754 looks like.

```
.text, #text, p{  
    color:#193754  
}
```

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 #193754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193754
}
```

Border

The CSS property to change the border of an element to Hex 193754 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".

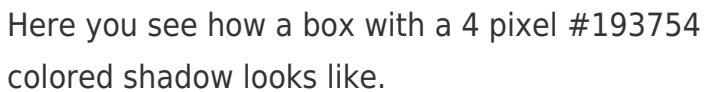
```
.border, #border, table{ border:4px solid
#193754 }
```

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

```
.border{ border-color:#193754 }
```

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

Here you see how a box with a 4 pixel #193754 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193754; -webkit-box-shadow:4px 4px  
4px 4px #193754; box-shadow:4px 4px 4px  
4px #193754 }
```

Background

The CSS property to change the background color of an element to Hex 193754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193754 }
```

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

```
.background{ background-color:#193754 }
```

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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