

Converting Colors

Hex(193B53)

Have a look what the booklet for
Hex(193B53) contains.

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Color

Hex(193B53)

Conversions

Conversions Part 1

Format	Color
Hex	193B53
RGB	25, 59, 83
RGB Percent	10%, 23%, 33%
CMY	0.9020, 0.7686, 0.6745
CMYK	0.70, 0.29, 0.00, 0.67
HSL	205°, 54%, 21%
HSV	205°, 70%, 33%
XYZ	3.5262, 3.9591, 8.7620
YIQ	51.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

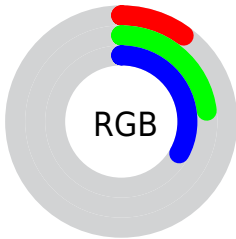
Format	Color
R_{YB}	25, 46, 83
Decimal	1653587
CIE _{Lab}	23.54, -3.65, -18.18
CIE _{LCh}	24, 18.544, 258.639
Yxy	3.9591, 0.2170, 0.2437
Android (android.graphics.Color)	4279843667 (0xFF193B53)
YUV	51.5700, 15.4950, -23.3019
Hunter-Lab	19.8976, -3.1874, -12.1802

Details

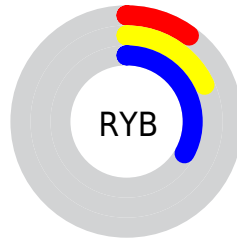
The Hex color **193B53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **533119**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4C6A85**, and **001026** is the 20% darker color. If you saturate the color by 10%, you get **113853**, and if you desaturate by 10%, it is **213E53**.

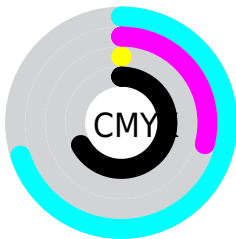
Distribution



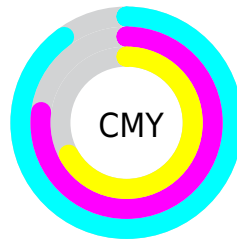
- Red (10%)
- Green (23%)
- Blue (33%)



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



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (90%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193B53 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 193B53 by changing the saturation by 10% instead.

■ 193B53

■ 193B53

FFFFFF

■ 00253C

■ 4C6A85

■ 001026

■ 65839F

■ 000110

■ 7F9DBA

■ 000000

■ 9AB8D6

■ B5D4F2

■ D1F0FF

■ EEEFFF

■ 193B53

■ 193B53

■ 113853

■ 213E53

■ 083453

■ 2A4253

■ 003153

■ 324553

■ 3A4953

■ 424C53

■ 4B5053

■ 535353

■ 5B5653

■ 645A53

Harmonies

Analogous

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



003E4C



193B53



323652

Triad

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



193B53



532D30



293D25

Complementary

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



193B53



533119

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.



383A1D



193B53



4F3124

Square

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



193B53



502E3E



46351D



163F32

Rectangle

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



193B53



3F334E



46351D



2E3C22

Sweetspot

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



193B53



55626B



195330



283036



B5B5B5



363636

Same Dimension

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



193B53



11466B



191F53



252729



003D69



0088E8

Inverse Universe

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



53193B



6B1146



534D19



292527



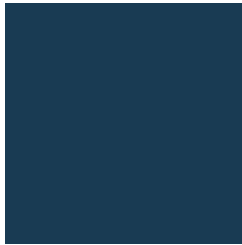
69003D



E80088

Previews

White Background



This preview shows how the Hex color 193B53 looks on a white background.

Color Contrast Check

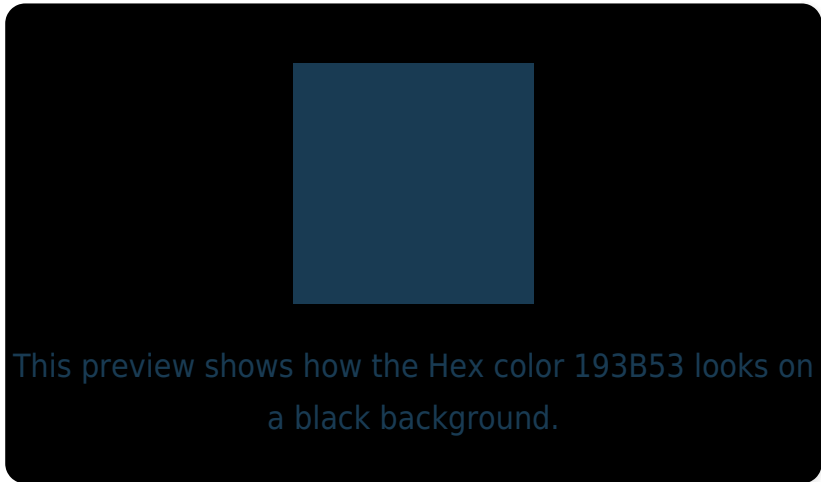
Large Text (above 18pt) WCAG AA ✓ Pass

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

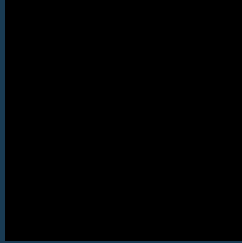
Any Text WCAG AA × Fail

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 193B53 Background



This preview shows how black text looks on a background with the Hex color 193B53.



This preview shows how white text looks on a background with the Hex color 193B53.

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](#).

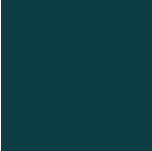
Dichromacy



Original Color
193B53

Protanopia
303750

Deuteranopia
2B3854



Tritanopia
0D3E43

Trichromacy



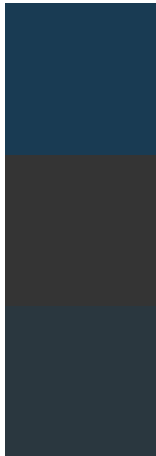
Original Color
193B53

Protanomaly
283851

Deuteranomaly
243954

Tritanomaly
113D49

Monochromacy



Original Color
193B53

Achromatopsia
343434

Achromatomaly
2A373F

CSS Examples

Text

The CSS property to change the color of the text to Hex 193B53 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 #193B53 looks like.

```
.text, #text, p{  
    color:#193B53  
}
```

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 #193B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193B53
}
```

Border

The CSS property to change the border of an element to Hex 193B53 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".

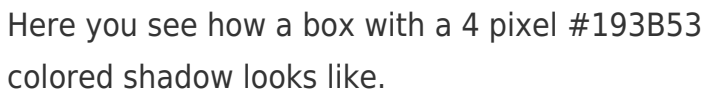
```
.border, #border, table{ border:4px solid
#193B53 }
```

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

```
.border{ border-color:#193B53 }
```

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

Here you see how a box with a 4 pixel #193B53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193B53; -webkit-box-shadow:4px 4px  
4px 4px #193B53; box-shadow:4px 4px 4px  
4px #193B53 }
```

Background

The CSS property to change the background color of an element to Hex 193B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193B53 }
```

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

```
.background{ background-color:#193B53 }
```

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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