

Converting Colors

Hex(182A55)

Have a look what the booklet for
Hex(182A55) contains.

Hex(182A55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(182A55)

Conversions

Conversions Part 1

Format	Color
Hex	182A55
RGB	24, 42, 85
RGB Percent	9%, 16%, 33%
CMY	0.9059, 0.8353, 0.6667
CMYK	0.72, 0.51, 0.00, 0.67
HSL	222°, 56%, 21%
HSV	222°, 72%, 33%
XYZ	2.8443, 2.5060, 8.9281
YIQ	41.5200, -24.5310, 9.5570

Conversions

Conversions Part 2

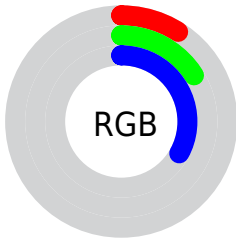
Format	Color
R_{YB}	24, 38, 85
Decimal	1583701
CIE Lab	17.95, 8.92, -28.36
CIE LCh	18, 29.730, 287.451
Yxy	2.5060, 0.1992, 0.1755
Android (android.graphics.Color)	4279773781 (0xFF182A55)
YUV	41.5200, 21.4356, -15.3650
Hunter-Lab	15.8303, 4.3692, -22.3576

Details

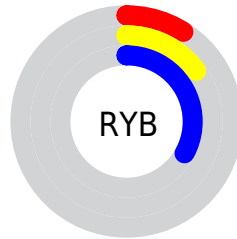
The Hex color **182A55** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **554318**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4B5787**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **0F2455**, and if you desaturate by 10%, it is **203055**.

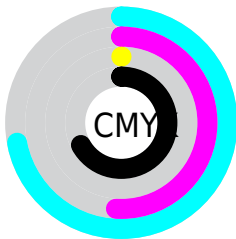
Distribution



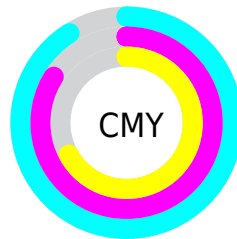
- Red (9%)
- Green (16%)
- Blue (33%)



- Red (9%)
- Yellow (15%)
- Blue (33%)



- Cyan (72%)
- Magenta (51%)
- Yellow (0%)
- Black (67%)



- Cyan (91%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 182A55 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 182A55 by changing the saturation by 10% instead.

■ 182A55

■ 182A55

FFFFFF

■ 00163D

■ 4B5787

■ 000327

■ 656FA1

■ 000111

■ 7F88BD

■ 000000

■ 9AA3D9

■ B5BEF5

■ D1D9FF

■ EEF6FF

■ 182A55

■ 182A55

■ 0F2455

■ 203055

■ 071E55

■ 293655

■ 001955

■ 313C55

■ 3A4255

■ 424855

■ 4B4E55

■ 535455

■ 5C5A55

■ 646055

Harmonies

Analogous

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



003156



182A55



3C2049

Triad

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



182A55



4C1E0C



003522

Complementary

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



182A55



554318

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.



10330C



182A55



3E2800

Square

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



182A55



521720



2B2F00



003638

Rectangle

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



182A55



4A1A3D



2B2F00



00351B

Sweetspot

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



182A55



565D6E



185543



2A2E38



B8B8B8



383838

Same Dimension

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



182A55



0F2B6E



241855



27282B



00206B



0045EB

Inverse Universe

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



55182A



6E0F2B



495518



2B2728



6B0020



EB0045

Previews

White Background



This preview shows how the Hex color 182A55 looks on a white background.

Color Contrast Check

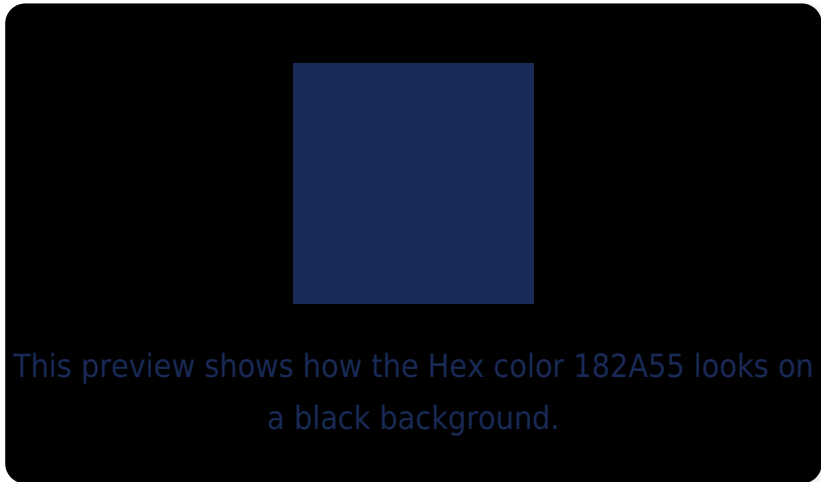
Large Text (above 18pt) WCAG AA ✓ Pass

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

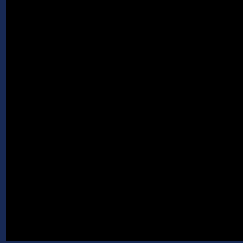
Any Text WCAG AA × Fail

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 182A55 Background



This preview shows how black text looks on a background with the Hex color 182A55.



This preview shows how white text looks on a background with the Hex color 182A55.

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

182A55

Protanopia

122B56

Deuteranopia

002D4F

Trichromacy



Original Color
182A55

Protanomaly
142B56

Deuteranomaly
092C51

Tritanomaly
092E41

Monochromacy



Original Color
182A55

Achromatopsia
2A2A2A

Achromatomaly
232A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 182A55 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 #182A55 looks like.

```
.text, #text, p{  
    color:#182A55  
}
```

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 #182A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182A55
}
```

Border

The CSS property to change the border of an element to Hex 182A55 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
#182A55 }
```

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

```
.border{ border-color:#182A55 }
```

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

Here you see how a box with a 4 pixel #182A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182A55; -webkit-box-shadow:4px 4px  
4px 4px #182A55; box-shadow:4px 4px 4px  
4px #182A55 }
```

Background

The CSS property to change the background color of an element to Hex 182A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182A55 }
```

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

```
.background{ background-color:#182A55 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor