

Converting Colors

HunterLab(21.9370, -6.4947,
-13.3992)

Have a look what the booklet for
HunterLab(21.9370, -6.4947,
-13.3992) contains.

HunterLab(21.8395, -6.3803, -13.5242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.8395, -6.3803,
-13.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	00435B
RGB	0, 67, 91
RGB Percent	0%, 26%, 36%
CMY	1.0000, 0.7373, 0.6431
CMYK	1.00, 0.26, 0.00, 0.64
HSL	196°, 100%, 18%
HSV	196°, 100%, 36%
XYZ	3.8955, 4.7696, 10.6129
YIQ	49.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

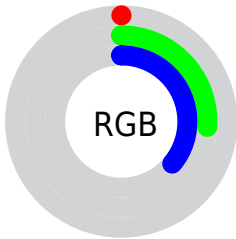
Format	Color
RYB	0, 39, 91
Decimal	17243
CIELab	26.07, -8.94, -19.51
CIELCh	26, 21.460, 245.387
Yxy	4.7698, 0.2021, 0.2474
Android (android.graphics.Color)	4278207323 (0xFF00435B)
YUV	49.7030, 20.3594, -43.5895
Hunter-Lab	21.8395, -6.3803, -13.5242

Details

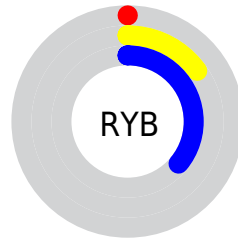
The HunterLab color **21.8395, -6.3803, -13.5242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.9640, 19.1497, 10.7876**, and the grayscale version is **17.7066, -0.9448, 0.9620**.

A 20% lighter version of the original color is **39.1259, -8.6216, -14.2278**, and **9.4060, -0.8747, -9.8685** is the 20% darker color. If you saturate the color by 10%, you get **21.8392, -6.3797, -13.5251**, and if you desaturate by 10%, it is **22.6271, -6.8178, -12.1115**.

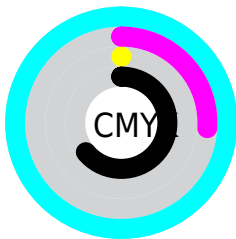
Distribution



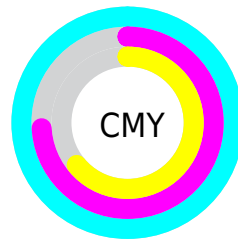
- Red (0%)
- Green (26%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8395, -6.3803, -13.5242 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 HunterLab color 21.8395, -6.3803, -13.5242 by changing the saturation by 10% instead.

■ 21.8395, -6.3803,
-13.5242

■ 21.8395, -6.3803,
-13.5242

■ 121.4821,
-16.0451, -15.3233

■ 14.5356, -5.2576,
-13.0602

■ 39.1400, -8.5261,
-14.3623

■ 8.1965, -5.1895,
-13.0375

■ 48.9702, -9.5828,
-14.6869

0.0000, NaN, -NF

■ 59.5084, -10.6396,
-14.9441

0.0000, NaN, NaN

■ 70.7099, -11.7013,
-15.1364

0.0000, NaN, NaN

■ 82.5375, -12.7709,
-15.2670

0.0000, NaN, NaN

■ 94.9596, -13.8505,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.3395

0.0000, NaN, NaN

■ 107.9491,
-14.9415, -15.3572

■ 21.8395, -6.3803,
-13.5242

■ 21.8395, -6.3803,
-13.5242

■ 21.8392, -6.3797,
-13.5251

■ 22.6271, -6.8178,
-12.1115

■ 23.4415, -7.1656,
-10.7148

■ 24.3250, -7.2667,
-9.2628

■ 25.2784, -7.1203,
-7.7630

■ 26.3003, -6.7345,
-6.2245

■ 27.3885, -6.1218,
-4.6566

■ 28.5404, -5.2977,
-3.0677

■ 29.7528, -4.2789,
-1.4650

■ 31.0223, -3.0823,
0.1455

Harmonies

Analogous

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



21.8399, -10.8903, -7.3711



21.8395, -6.3803, -13.5242



21.8399, 0.0823, -15.3012

Triad

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



21.8399, -6.3801, -13.5238



21.8399, 13.5351, 2.3314



21.8399, -8.2747, 9.1284

Complementary

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



21.8395, -6.3803, -13.5242



16.9640, 19.1497, 10.7876

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.



21.8399, -2.3879, 10.3385



21.8395, -6.3803, -13.5242



21.8399, 10.6270, 7.2652

Square

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



21.8399, -6.3801, -13.5238



21.8399, 12.1270, -4.6921



21.8399, 4.5873, 9.7804



21.8399, -11.8862, 5.7851

Rectangle

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



21.8395, -6.3803, -13.5242



21.8399, 4.7648, -13.4089



21.8399, 4.5873, 9.7804



21.8399, -6.5254, 9.7421

Sweetspot

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



21.8399, -6.3801, -13.5238



37.1742, -7.0390, -4.2063



27.4649, -22.7592, 14.8029



18.0805, -3.6080, -2.3348



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.8399, -6.3801, -13.5238



28.2929, -7.9660, -18.1674



11.6557, 13.1416, -42.9350



15.8979, -1.4963, 0.1688



26.3873, -7.4990, -16.7937



60.5209, -15.7773, -41.5873

Inverse Universe

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



16.2161, 30.2667, -8.8937



21.1671, 39.4510, -11.1415



25.2765, 0.9402, 15.5912



15.4046, 0.7779, 0.0708



19.7044, 36.7386, -10.4789



45.9454, 85.3852, -22.2658

Previews

White Background



This preview shows how the HunterLab color 21.8395, -6.3803, -13.5242 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



This preview shows how the HunterLab color 21.8395, -6.3803, -13.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

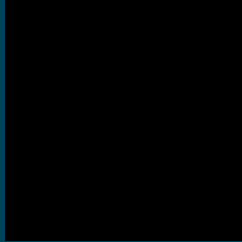
Any Text WCAG AA × Fail

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](#).

HunterLab 21.8395, -6.3803, -13.5242 Background



This preview shows how black text looks on a background with the HunterLab color 21.8395, -6.3803, -13.5242.



This preview shows how white text looks on a background with the HunterLab color 21.8395, -6.3803, -13.5242.

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

21.8395, -6.3803, -13.5242

Protanopia

21.9581, 1.6010, -10.2138

Deuteranopia

22.0702, 1.1776, -13.5805



Tritanopia

21.7960, -10.5920, -4.3780

Trichromacy



Original Color

21.8395, -6.3803, -13.5242

Protanomaly

21.4870, -2.4448, -12.2783

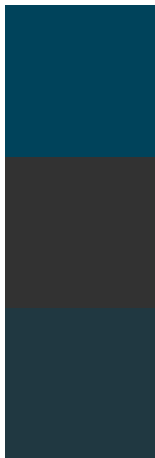
Deuteranomaly

21.7504, -2.5261, -14.2423

Tritanomaly

21.7104, -9.0927, -7.5076

Monochromacy



Original Color

21.8395, -6.3803, -13.5242

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7539, -4.6081, -4.3353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8395, -6.3803, -13.5242 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 `rgb(0, 67, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 91)  
}
```

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 rgb(0, 67, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8395, -6.3803, -13.5242 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 rgb(0, 67, 91) }
```


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

```
.border{ border-color:rgb(0, 67, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 91); box-shadow:4px  
4px 4px 4px rgb(0, 67, 91) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.8395, -6.3803, -13.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 91) }
```

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

```
.background{ background-color: rgb(0, 67,  
91) }
```

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