

Converting Colors

HunterLab(21.5201, -22.5092,
-8.1597)

Have a look what the booklet for
HunterLab(21.5201, -22.5092,
-8.1597) contains.

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Color

**HunterLab(23.9751,
-11.9343, -4.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	004C50
RGB	0, 76, 80
RGB Percent	0%, 30%, 31%
CMY	1.0000, 0.7020, 0.6863
CMYK	1.00, 0.05, 0.00, 0.69
HSL	183°, 100%, 16%
HSV	183°, 100%, 31%
XYZ	4.0324, 5.7481, 8.4863
YIQ	53.7320, -46.5800, -14.8680

Conversions

Conversions Part 2

Format	Color
RYB	0, 39, 80
Decimal	19536
CIELab	28.77, -18.58, -8.25
CIELCh	29, 20.325, 203.932
Yxy	5.7483, 0.2208, 0.3147
Android (android.graphics.Color)	4278209616 (0xFF004C50)
YUV	53.7320, 12.9501, -47.1230
Hunter-Lab	23.9751, -11.9343, -4.2040

Details

The HunterLab color **23.9751, -11.9343, -4.2040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.3883, 21.2587, 8.6211**, and the grayscale version is **19.0856, -1.0184, 1.0370**.

A 20% lighter version of the original color is **41.6440, -15.3954, -4.1781**, and **10.7722, -5.0158, -2.6366** is the 20% darker color. If you saturate the color by 10%, you get **23.9754, -11.9345, -4.2039**, and if you desaturate by 10%, it is **24.1975, -11.6554, -3.8899**.

Distribution



- Red (0%)
- Green (30%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9751, -11.9343, -4.2040 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 23.9751, -11.9343, -4.2040 by changing the saturation by 10% instead.

■ 23.9751, -11.9343,
-4.2040

■ 23.9751, -11.9343,
-4.2040

■ 125.2260,
-26.4276, -2.0984

■ 16.4092, -9.9995,
-4.1067

■ 41.7212, -15.4401,
-4.1463

■ 9.8663, -8.7792,
-3.9104

■ 51.7475, -17.0884,
-4.0119

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 62.4688, -18.6949,
-3.8171

0.0000, NaN, NaN

■ 73.8427, -20.2718,
-3.5674

0.0000, NaN, NaN

■ 85.8337, -21.8279,
-3.2672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4115, -23.3696,

-2.9203

0.0000, NaN, NaN

■ 111.5499,
-24.9016, -2.5298

■ 23.9751, -11.9343,
-4.2040

■ 23.9751, -11.9343,
-4.2040

■ 23.9754, -11.9345,
-4.2039

■ 24.1975, -11.6554,
-3.8899

■ 24.4323, -11.3282,
-3.5608

■ 24.7172, -10.8095,
-3.1638

■ 25.0572, -10.0838,
-2.6946

■ 25.4546, -9.1480,
-2.1530

■ 25.9107, -8.0039,
-1.5407

■ 26.4262, -6.6574,
-0.8607

■ 27.0007, -5.1180,
-0.1174

■ 27.6337, -3.3976,
0.6845

Harmonies

Analogous

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



23.9755, -12.7701, 2.5619



23.9751, -11.9343, -4.2040



23.9755, -8.3885, -10.8315

Triad

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



23.9755, -11.9343, -4.2037



23.9755, 10.0189, -7.0674



23.9755, 0.0934, 10.5579

Complementary

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



23.9751, -11.9343, -4.2040



13.3883, 21.2587, 8.6211

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.



23.9755, 6.7659, 9.2341



23.9751, -11.9343, -4.2040



23.9755, 12.8865, -0.0238

Square

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



23.9755, -11.9343, -4.2037



23.9755, 4.1595, -12.7768



23.9755, 11.6354, 5.7541



23.9755, -6.2750, 10.0070

Rectangle

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



23.9751, -11.9343, -4.2040



23.9755, -4.7354, -13.6684



23.9755, 11.6354, 5.7541



23.9755, 2.3818, 10.3323

Sweetspot

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



23.9755, -11.9343, -4.2037



34.8300, -9.0021, -1.2398



23.9651, -20.4624, 14.2191



17.6508, -4.8144, -0.7459



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



23.9755, -11.9343, -4.2037



31.6160, -15.6982, -5.6293



13.8688, 3.0174, -23.8468



14.5084, -1.6600, 0.4126



75.6645, -37.3798, -13.8818

Inverse Universe

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



14.9246, 29.0527, -17.4584



19.7056, 38.3493, -22.9470



18.4644, 7.9054, 11.5155



13.8938, 0.7718, -0.2204



47.2814, 91.9496, -54.5541

Previews

White Background



This preview shows how the HunterLab color 23.9751, -11.9343, -4.2040 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 23.9751, -11.9343, -4.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

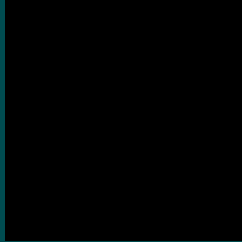
Any Text WCAG AA × Fail

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 23.9751, -11.9343, -4.2040 Background



This preview shows how black text looks on a background with the HunterLab color 23.9751, -11.9343, -4.2040.



This preview shows how white text looks on a background with the HunterLab color 23.9751,

-11.9343, -4.2040.

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

23.9751, -11.9343, -4.2040

Protanopia

24.1569, -0.5117, -1.4614

Deuteranopia

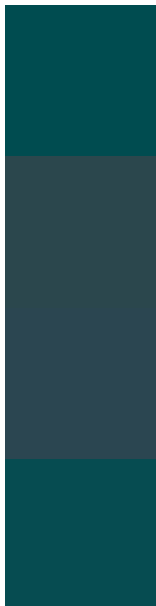
24.1918, 1.3012, -4.6344



Tritanopia

24.1581, -11.0953, -4.8995

Trichromacy



Original Color

23.9751, -11.9343, -4.2040

Protanomaly

23.5709, -6.4968, -3.2504

Deuteranomaly

23.4265, -5.4005, -5.3613

Tritanomaly

24.0867, -11.4361, -4.5201

Monochromacy



Original Color

23.9751, -11.9343, -4.2040

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.3573, -6.8694, -1.2724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9751, -11.9343, -4.2040 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, 76, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 80)  
}
```

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, 76, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9751, -11.9343, -4.2040 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, 76, 80) }
```

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

```
.border{ border-color:rgb(0, 76, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 80); box-shadow:4px  
4px 4px 4px rgb(0, 76, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9751, -11.9343, -4.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 80) }
```

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

```
.background{ background-color: rgb(0, 76,  
80) }
```

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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