

Converting Colors

HunterLab(40.9032, -12.9530,
-5.1598)

Have a look what the booklet for
HunterLab(40.9032, -12.9530,
-5.1598) contains.

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Color

**HunterLab(40.9953,
-13.1880, -5.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	467A81
RGB	70, 122, 129
RGB Percent	27%, 48%, 51%
CMY	0.7255, 0.5216, 0.4941
CMYK	0.46, 0.05, 0.00, 0.49
HSL	187°, 30%, 39%
HSV	187°, 46%, 51%
XYZ	13.4478, 16.8061, 23.3040
YIQ	107.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

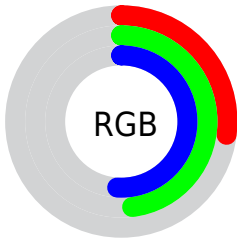
Format	Color
R_{YB}	70, 98, 129
Decimal	4618881
CIE _{Lab}	48.02, -15.39, -9.26
CIE _{LCh}	48, 17.959, 211.047
Yxy	16.8068, 0.2511, 0.3138
Android (android.graphics.Color)	4282808961 (0xFF467A81)
YUV	107.2500, 10.7228, -32.6682
Hunter-Lab	40.9953, -13.1880, -5.0070

Details

The HunterLab color $40.9953, -13.1880, -5.0070$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.2760, 14.3781, 9.4951$, and the grayscale version is $38.4096, -2.0494, 2.0869$.

A 20% lighter version of the original color is $61.7859, -16.2561, -4.6807$, and $23.3363, -10.0320, -5.0782$ is the 20% darker color. If you saturate the color by 10%, you get $40.0058, -14.5533, -6.3840$, and if you desaturate by 10%, it is $42.0927, -11.4503, -3.5177$.

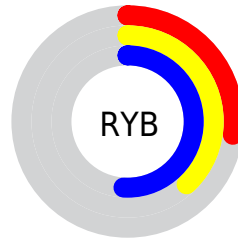
Distribution



Red (27%)

Green (48%)

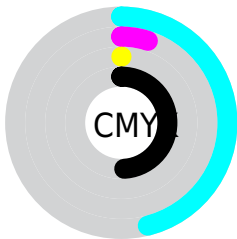
Blue (51%)



Red (27%)

Yellow (38%)

Blue (51%)

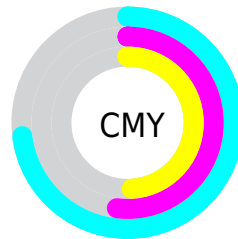


Cyan (46%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (73%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9953, -13.1880, -5.0070 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 40.9953, -13.1880, -5.0070 by changing the saturation by 10% instead.

■ 40.9953, -13.1880,
-5.0070

■ 40.9953, -13.1880,
-5.0070

152.9891,
-25.8039, -2.3722

■ 31.7755, -11.6944,
-5.0199

■ 61.6387, -16.0635,
-4.7766

■ 23.3735, -10.1352,
-4.9545

■ 72.9648, -17.4692,
-4.5733

■ 15.8793, -8.4708,
-4.8002

■ 84.9105, -18.8636,
-4.3177

■ 9.4201, -7.6205,
-4.5494

■ 97.4451, -20.2517,
-4.0137

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 110.5421,
-21.6373, -3.6645

0.0000, NaN, NaN

124.1785,

0.0000, NaN, NaN

-23.0232, -3.2730

0.0000, NaN, NaN

138.3336,
-24.4115, -2.8415

■ 40.9953, -13.1880,
-5.0070

■ 40.9953, -13.1880,
-5.0070

■ 40.0058, -14.5533,
-6.3840

■ 42.0927, -11.4503,
-3.5177

■ 39.1213, -15.5353,
-7.6422

■ 43.2946, -9.3569,
-1.9283

■ 38.3402, -16.1338,
-8.7753

■ 44.5996, -6.9303,
-0.2495

■ 37.6575, -16.3609,
-9.7821

■ 46.0045, -4.1962,
1.5073

■ 37.0600, -16.2644,
-10.6758

■ 47.5058, -1.1816,
3.3311

■ 36.8125, -16.1958,
-11.0505

■ 49.0993, 2.0863,
5.2114

■ 50.7807, 5.5811,
7.1391

■ 52.5455, 9.2778,
9.1057

■ 54.3893, 13.1535,
11.1042

Harmonies

Analogous

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



40.9961, -14.9039, 1.9947



40.9953, -13.1880, -5.0070



40.9961, -8.5591, -10.7590

Triad

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



40.9961, -13.1883, -5.0064



40.9961, 10.3837, -4.5280



40.9961, -2.4376, 13.1611

Complementary

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



40.9953, -13.1880, -5.0070



32.2760, 14.3781, 9.4951

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.



40.9961, 4.5940, 12.0030



40.9953, -13.1880, -5.0070



40.9961, 12.2919, 2.4670

Square

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



40.9961, -13.1883, -5.0064



40.9961, 5.0525, -10.4516



40.9961, 10.1066, 8.3511



40.9961, -8.9615, 11.8287

Rectangle

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



40.9953, -13.1880, -5.0070



40.9961, -4.2817, -12.6915



40.9961, 10.1066, 8.3511



40.9961, -0.0547, 13.0520

Sweetspot

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



40.9961, -13.1883, -5.0064



59.9392, -8.7835, -0.0091



41.8774, -23.3641, 15.4849



28.3582, -4.4813, -0.2049



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.9961, -13.1883, -5.0064



53.4661, -19.5615, -8.6407



32.6330, -0.3876, -17.6334



21.9148, -2.4771, 0.4382



36.3548, -15.9988, -10.9035

0.0000, NaN, NaN

Inverse Universe

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



32.3312, 24.8919, -13.4084



39.9193, 41.4453, -22.2659



39.3662, 0.7237, 15.5423



20.9855, 1.3553, -0.3288

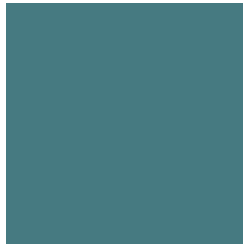


23.9348, 45.9116, -22.6925

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.9953, -13.1880, -5.0070 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 × Fail

Black Background



This preview shows how the HunterLab color 40.9953, -13.1880, -5.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

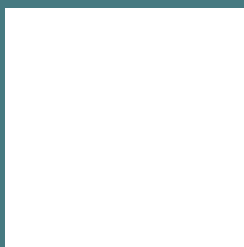
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.9953, -13.1880, -5.0070 Background



This preview shows how black text looks on a background with the HunterLab color 40.9953, -13.1880, -5.0070.



This preview shows how white text looks on a background with the HunterLab color 40.9953,

-13.1880, -5.0070.

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

40.9953, -13.1880, -5.0070

Protanopia

40.9280, -0.5768, -1.9364

Deuteranopia

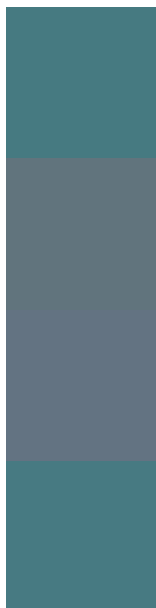
40.8908, 2.5795, -5.8927



Tritanopia

41.1064, -12.6417, -5.8630

Trichromacy



Original Color

40.9953, -13.1880, -5.0070

Protanomaly

40.6360, -5.7642, -3.3698

Deuteranomaly

40.6520, -3.9351, -5.8211

Tritanomaly

41.0736, -12.8300, -5.4009

Monochromacy



Original Color

40.9953, -13.1880, -5.0070

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.9947, -6.4218, -0.7455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9953, -13.1880, -5.0070 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(70, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(70, 122, 129)  
}
```

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(70, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 122, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9953, -13.1880, -5.0070 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(70, 122, 129) }
```


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

```
.border{ border-color:rgb(70, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(70, 122,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9953, -13.1880, -5.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 122, 129) }
```

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

```
.background{ background-color: rgb(70, 122,  
129) }
```

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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