

Converting Colors

HunterLab(19.4949, -7.1475,
-5.6213)

Have a look what the booklet for
HunterLab(19.4949, -7.1475,
-5.6213) contains.

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Color

**HunterLab(19.4758, -7.0223,
-5.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	113C46
RGB	17, 60, 70
RGB Percent	7%, 24%, 27%
CMY	0.9333, 0.7647, 0.7255
CMYK	0.76, 0.14, 0.00, 0.73
HSL	191°, 61%, 17%
HSV	191°, 76%, 27%
XYZ	2.9525, 3.7931, 6.3709
YIQ	48.2830, -28.8380, -6.0060

Conversions

Conversions Part 2

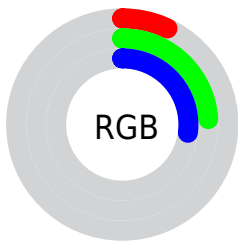
Format	Color
RYB	17, 41, 70
Decimal	1129542
CIELab	22.98, -10.82, -10.45
CIElCh	23, 15.039, 223.990
Yxy	3.7932, 0.2251, 0.2892
Android (android.graphics.Color)	4279319622 (0xFF113C46)
YUV	48.2830, 10.7065, -27.4352
Hunter-Lab	19.4758, -7.0223, -5.7617

Details

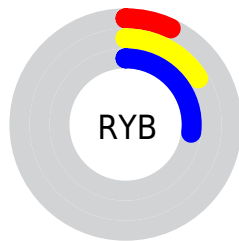
The HunterLab color **19.4758, -7.0223, -5.7617** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.5827, 11.4343, 7.0294**, and the grayscale version is **17.2591, -0.9209, 0.9377**.

A 20% lighter version of the original color is **36.1280, -9.3124, -6.0290**, and **7.1536, -2.1852, -4.2242** is the 20% darker color. If you saturate the color by 10%, you get **18.9787, -7.0820, -6.5314**, and if you desaturate by 10%, it is **20.0209, -6.7896, -4.9417**.

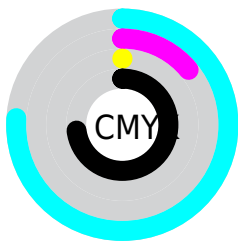
Distribution



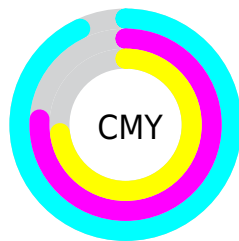
- Red (7%)
- Green (24%)
- Blue (27%)



- Red (7%)
- Yellow (16%)
- Blue (27%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4758, -7.0223, -5.7617 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 19.4758, -7.0223, -5.7617 by changing the saturation by 10% instead.

■ 19.4758, -7.0223,
-5.7617

■ 19.4758, -7.0223,
-5.7617

■ 117.2397,
-17.6512, -4.7925

■ 12.4843, -5.7085,
-5.5062

■ 36.2512, -9.4601,
-6.0050

■ 5.7395, -8.5211,
-7.2874

■ 45.8518, -10.6369,
-6.0088

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1763, -11.8027,
-5.9446

0.0000, NaN, NaN

■ 67.1769, -12.9647,
-5.8187

0.0000, NaN, NaN

■ 78.8144, -14.1276,
-5.6365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.0557, -15.2949,

-5.4023

0.0000, NaN, NaN

103.8724,
-16.4688, -5.1200

19.4758, -7.0223,
-5.7617

19.4758, -7.0223,
-5.7617

18.9787, -7.0820,
-6.5314

20.0209, -6.7896,
-4.9417

18.5027, -7.0648,
-7.2900

20.6133, -6.3849,
-4.0764

18.2976, -7.0625,
-7.6245

21.2532, -5.8131,
-3.1704

21.9395, -5.0816,
-2.2289

22.6712, -4.2002,
-1.2573

■ 23.4464, -3.1793,
-0.2607

■ 24.2635, -2.0300,
0.7563

■ 25.1205, -0.7635,
1.7896

■ 26.0155, 0.6094,
2.8356

Harmonies

Analogous

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



19.4762, -8.9247, -1.0931



19.4758, -7.0223, -5.7617



19.4762, -3.4277, -8.9247

Triad

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



19.4762, -7.0223, -5.7614



19.4762, 8.2446, -1.4147



19.4762, -3.1395, 7.6013

Complementary

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



19.4758, -7.0223, -5.7617



14.5827, 11.4343, 7.0294

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.



19.4762, 1.4681, 7.5540



19.4758, -7.0223, -5.7617



19.4762, 8.3401, 2.9925

Square

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



19.4762, -7.0223, -5.7614



19.4762, 5.5142, -6.0435



19.4762, 5.7642, 6.0590



19.4762, -6.8283, 6.2081

Rectangle

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



19.4758, -7.0223, -5.7617



19.4762, -0.4188, -9.3809



19.4762, 5.7642, 6.0590



19.4762, -1.6539, 7.7411

Sweetspot

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



19.4762, -7.0223, -5.7614



30.0770, -5.3155, -1.4290



21.3949, -15.6154, 10.0835



15.1099, -2.8018, -0.8403



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



19.4762, -7.0223, -5.7614



24.4881, -9.2250, -9.4762



13.0124, 3.3280, -18.3253



12.7997, -1.2664, 0.2444



25.9764, -9.7756, -11.3657



63.1490, -22.8124, -29.6853

Inverse Universe

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



14.2455, 19.4518, -8.6744



17.2241, 29.8532, -12.4242



19.7704, 0.7044, 10.6040



12.3743, 0.5726, 0.0064



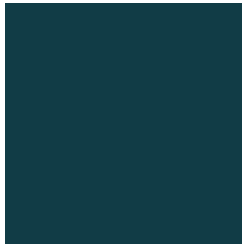
18.0761, 34.2163, -13.5941



44.4847, 83.9729, -31.6532

Previews

White Background



This preview shows how the HunterLab color 19.4758, -7.0223, -5.7617 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

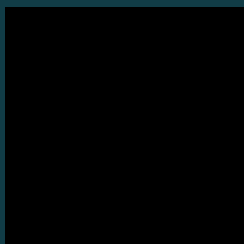
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

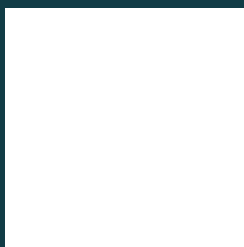
Any Text WCAG AAA × Fail

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

HunterLab 19.4758, -7.0223, -5.7617 Background



This preview shows how black text looks on a background with the HunterLab color 19.4758, -7.0223, -5.7617.



This preview shows how white text looks on a background with the HunterLab color 19.4758, -7.0223, -5.7617.

-5.7617.

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

19.4758, -7.0223, -5.7617

Protanopia

19.3952, 0.2828, -3.8001

Deuteranopia

19.4861, 0.9080, -6.1150



Tritanopia

19.5356, -8.4380, -3.7530

Trichromacy



Original Color

19.4758, -7.0223, -5.7617

Protanomaly

19.1440, -3.0683, -4.7032

Deuteranomaly

19.2733, -2.3485, -6.5034

Tritanomaly

19.5860, -8.1833, -4.1493

Monochromacy



Original Color

19.4758, -7.0223, -5.7617

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.7054, -3.7161, -1.6838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4758, -7.0223, -5.7617 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(17, 60, 70)` looks like.

```
.text, #text, p{  
  color:rgb(17, 60, 70)  
}
```

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(17, 60, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 60, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4758, -7.0223, -5.7617 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(17, 60, 70) }
```


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

```
.border{ border-color:rgb(17, 60, 70) }
```

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

Here you see how a box with a 4 pixel rgb(17, 60, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 60, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 60, 70);  
box-shadow:4px 4px 4px 4px rgb(17, 60, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4758, -7.0223, -5.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 60, 70) }
```

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

```
.background{ background-color: rgb(17, 60,  
70) }
```

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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