

Converting Colors

HunterLab(20.9880, -5.4409,
-14.4878)

Have a look what the booklet for
HunterLab(20.9880, -5.4409,
-14.4878) contains.

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Color

**HunterLab(20.9880, -5.4409,
-14.4878)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00405A |
| RGB | 0, 64, 90 |
| RGB Percent | 0%, 25%, 35% |
| CMY | 1.0000, 0.7490, 0.6471 |
| CMYK | 1.00, 0.29, 0.00, 0.65 |
| HSL | 197°, 100%, 18% |
| HSV | 197°, 100%, 35% |
| XYZ | 3.6788, 4.4050, 10.3292 |
| YIQ | 47.8280, -46.4900, -5.4820 |

Conversions

Conversions Part 2

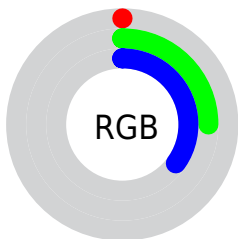
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 37, 90 |
| Decimal | 16474 |
| CIELab | 24.97, -7.45, -20.58 |
| CIELCh | 25, 21.888, 250.099 |
| Yxy | 4.4051, 0.1998, 0.2392 |
| Android (android.graphics.Color) | 4278206554 (0xFF00405A) |
| YUV | 47.8280, 20.7908, -41.9452 |
| Hunter-Lab | 20.9880, -5.4409, -14.4878 |

Details

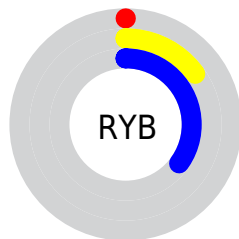
The HunterLab color **20.9880, -5.4409, -14.4878** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.0670, 18.0977, 10.8326**, and the grayscale version is **17.0800, -0.9113, 0.9280**.

A 20% lighter version of the original color is **38.2173, -7.5266, -15.0740**, and **8.6929, 0.0140, -10.8956** is the 20% darker color. If you saturate the color by 10%, you get **20.9876, -5.4402, -14.4888**, and if you desaturate by 10%, it is **21.8251, -5.9557, -12.9333**.

Distribution



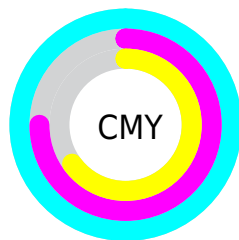
- Red (0%)
- Green (25%)
- Blue (35%)



- Red (0%)
- Yellow (15%)
- Blue (35%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9880, -5.4409, -14.4878 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 20.9880, -5.4409, -14.4878 by changing the saturation by 10% instead.

■ 20.9880, -5.4409,
-14.4878

■ 20.9880, -5.4409,
-14.4878

■ 119.9666,
-14.3603, -16.6349

■ 13.7937, -4.4407,
-14.0256

■ 38.1035, -7.3791,
-15.3877

■ 7.4160, -4.7738,
-14.6776

■ 47.8526, -8.3447,
-15.7525

0.0000, NaN, -NF

■ 58.3153, -9.3167,
-16.0514

0.0000, NaN, NaN

■ 69.4457, -10.2986,
-16.2857

0.0000, NaN, NaN

■ 81.2060, -11.2926,
-16.4580

0.0000, NaN, NaN

■ 93.5640, -12.3003,

0.0000, NaN, NaN

0.0000, NaN, NaN

-16.5715

0.0000, NaN, NaN

106.4923,
-13.3226, -16.6294

20.9880, -5.4409,
-14.4878

20.9880, -5.4409,
-14.4878

20.9876, -5.4402,
-14.4888

21.8251, -5.9557,
-12.9333

22.6890, -6.3832,
-11.4079

23.6228, -6.5644,
-9.8363

24.6267, -6.5005,
-8.2270

25.6987, -6.2008,
-6.5897

■ 26.8363, -5.6792,
-4.9336

■ 28.0363, -4.9517,
-3.2668

■ 29.2953, -4.0356,
-1.5959

■ 30.6098, -2.9479,
0.0740

Harmonies

Analogous

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



20.9884, -10.3196, -8.6979



20.9880, -5.4409, -14.4878



20.9884, 1.2517, -15.4262

Triad

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



20.9884, -5.4407, -14.4874



20.9884, 13.5704, 3.2334



20.9884, -8.9870, 8.6741

Complementary

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



20.9880, -5.4409, -14.4878



17.0670, 18.0977, 10.8326

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.



20.9884, -3.3928, 10.1448



20.9880, -5.4409, -14.4878



20.9884, 9.9982, 7.7440

Square

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



20.9884, -5.4407, -14.4874



20.9884, 12.8369, -3.6132



20.9884, 3.5790, 9.8704



20.9884, -12.1767, 4.9936

Rectangle

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



20.9880, -5.4409, -14.4878



20.9884, 5.9407, -12.9376



20.9884, 3.5790, 9.8704



20.9884, -7.3572, 9.3795

Sweetspot

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



20.9884, -5.4407, -14.4874



36.9234, -6.6553, -4.5375



27.1750, -22.3511, 14.2843



17.9466, -3.4045, -2.5138



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.



20.9884, -5.4407, -14.4874



27.4609, -6.7588, -19.7334



11.0513, 14.3712, -44.8338



15.8704, -1.4517, 0.1361



25.6181, -6.3851, -18.2367



58.6204, -12.9766, -45.2577

Inverse Universe

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



15.9500, 29.6328, -7.6837



21.0562, 39.0555, -9.6199



25.7237, -0.3408, 15.8443



15.4017, 0.7625, 0.1115



19.6016, 36.3723, -9.0699



45.6960, 84.4944, -18.8331

Previews

White Background



This preview shows how the HunterLab color 20.9880, -5.4409, -14.4878 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 20.9880, -5.4409, -14.4878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

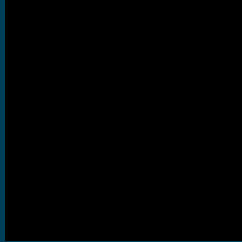
Any Text WCAG AA × Fail

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 20.9880, -5.4409, -14.4878 Background



This preview shows how black text looks on a background with the HunterLab color 20.9880, -5.4409, -14.4878.



This preview shows how white text looks on a background with the HunterLab color 20.9880, -5.4409, -14.4878.

-14.4878.

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

20.9880, -5.4409, -14.4878

Protanopia

21.2217, 1.6284, -11.4919

Deuteranopia

21.2662, 0.9153, -14.4740



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

20.9880, -5.4409, -14.4878

Protanomaly

20.8151, -2.2555, -12.8970

Deuteranomaly

20.8319, -1.8735, -15.3657

Tritanomaly

20.8102, -8.4085, -7.8594

Monochromacy



Original Color

20.9880, -5.4409, -14.4878

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.1343, -4.3566, -4.2772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9880, -5.4409, -14.4878 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, 64, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 90)  
}
```

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, 64, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9880, -5.4409, -14.4878 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, 64, 90) }
```


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

```
.border{ border-color:rgb(0, 64, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 90); box-shadow:4px  
4px 4px 4px rgb(0, 64, 90) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9880, -5.4409, -14.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 90) }
```

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

```
.background{ background-color: rgb(0, 64,  
90) }
```

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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