

Converting Colors

HunterLab(22.5692, -4.7242,
-13.9745)

Have a look what the booklet for
HunterLab(22.5692, -4.7242,
-13.9745) contains.

HunterLab(22.5872, -4.7814, -13.9628)	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(22.5872, -4.7814,
-13.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	15445E
RGB	21, 68, 94
RGB Percent	8%, 27%, 37%
CMY	0.9176, 0.7333, 0.6314
CMYK	0.78, 0.28, 0.00, 0.63
HSL	201°, 63%, 23%
HSV	201°, 78%, 37%
XYZ	4.3967, 5.1018, 11.3427
YIQ	56.9110, -36.3580, -1.8780

Conversions

Conversions Part 2

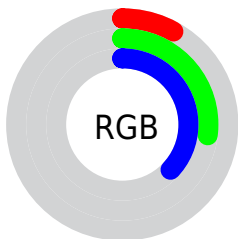
Format	Color
R_{YB}	21, 50, 94
Decimal	1393758
CIE _{Lab}	27.02, -5.96, -19.93
CIE _{LCh}	27, 20.799, 253.361
Yxy	5.1020, 0.2110, 0.2448
Android (android.graphics.Color)	4279583838 (0xFF15445E)
YUV	56.9110, 18.2849, -31.4939
Hunter-Lab	22.5872, -4.7814, -13.9628

Details

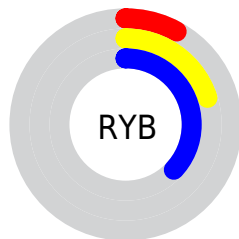
The HunterLab color **22.5872, -4.7814, -13.9628** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.1357, 11.7272, 11.2383**, and the grayscale version is **20.1462, -1.0749, 1.0946**.

A 20% lighter version of the original color is **40.0894, -6.3216, -15.0258**, and **9.7580, -0.5602, -10.9874** is the 20% darker color. If you saturate the color by 10%, you get **21.5043, -4.1230, -16.0186**, and if you desaturate by 10%, it is **23.7514, -5.1667, -11.8899**.

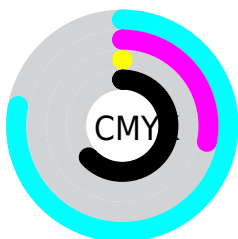
Distribution



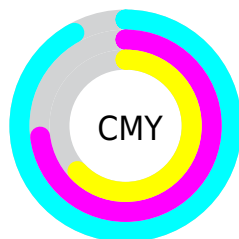
- Red (8%)
- Green (27%)
- Blue (37%)



- Red (8%)
- Yellow (20%)
- Blue (37%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.5872, -4.7814, -13.9628 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 22.5872, -4.7814, -13.9628 by changing the saturation by 10% instead.

■ 22.5872, -4.7814,
-13.9628

■ 22.5872, -4.7814,
-13.9628

■ 122.8019,
-12.9839, -15.8275

■ 15.1896, -3.9125,
-13.4932

■ 40.0466, -6.5103,
-14.8118

■ 8.8178, -3.4141,
-13.2247

■ 49.9466, -7.3874,
-15.1430

0.0000, NaN, -NF

■ 60.5499, -8.2781,
-15.4075

0.0000, NaN, NaN

■ 71.8127, -9.1844,
-15.6075

0.0000, NaN, NaN

■ 83.6983, -10.1075,
-15.7462

0.0000, NaN, NaN

■ 96.1757, -11.0482,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.8269

0.0000, NaN, NaN

109.2181,
-12.0070, -15.8530

22.5872, -4.7814,
-13.9628

22.5872, -4.7814,
-13.9628

21.5043, -4.1230,
-16.0186

23.7514, -5.1667,
-11.8899

20.4756, -3.2887,
-18.1048

24.9930, -5.2892,
-9.8137

20.2351, -3.0936,
-18.6140

26.3086, -5.1646,
-7.7447

27.6937, -4.8123,
-5.6914

29.1438, -4.2523,
-3.6600

■ 30.6544, -3.5049,
-1.6543

■ 32.2214, -2.5891,
0.3233

■ 33.8407, -1.5223,
2.2722

■ 35.5085, -0.3205,
4.1924

Harmonies

Analogous

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



22.5876, -9.8373, -8.9172



22.5872, -4.7814, -13.9628



22.5876, 1.8510, -14.2556

Triad

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



22.5876, -4.7813, -13.9623



22.5876, 12.7572, 3.8842



22.5876, -9.3950, 8.4528

Complementary

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



22.5872, -4.7814, -13.9628



21.1357, 11.7272, 11.2383

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.



22.5876, -4.1094, 10.2037



22.5872, -4.7814, -13.9628



22.5876, 8.9532, 8.1338

Square

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



22.5876, -4.7813, -13.9623



22.5876, 12.5227, -2.5723



22.5876, 2.6055, 10.1071



22.5876, -12.2804, 4.4673

Rectangle

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



22.5872, -4.7814, -13.9628



22.5876, 6.3303, -11.6015



22.5876, 2.6055, 10.1071



22.5876, -7.8686, 9.2622

Sweetspot

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



22.5876, -4.7813, -13.9623



39.3430, -5.2654, -3.7929



28.9251, -20.8975, 12.0416



19.0198, -2.6903, -2.1778



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



22.5876, -4.7813, -13.9623



27.3555, -4.4705, -23.4109



14.1357, 11.1884, -35.5111



15.7971, -1.3323, 0.0483



23.6079, -3.3346, -22.3093



53.6674, -5.2879, -55.6647

Inverse Universe

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



18.2580, 26.0016, -6.0539



22.2707, 38.7183, -6.7743



29.3738, -3.7088, 16.6026



15.3941, 0.7216, 0.2198



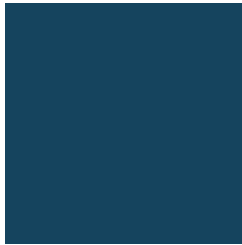
19.3451, 35.4539, -5.5212



45.0775, 82.2753, -10.2416

Previews

White Background



This preview shows how the HunterLab color 22.5872, -4.7814, -13.9628 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 22.5872, -4.7814, -13.9628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

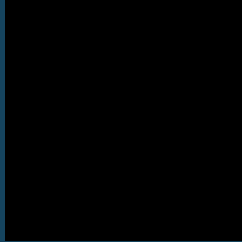
Any Text WCAG AA × Fail

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 22.5872, -4.7814, -13.9628 Background



This preview shows how black text looks on a background with the HunterLab color 22.5872, -4.7814, -13.9628.



This preview shows how white text looks on a background with the HunterLab color 22.5872, -4.7814, -13.9628.

-13.9628.

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

22.5872, -4.7814, -13.9628

Protanopia

22.5952, 1.5263, -11.4319

Deuteranopia

22.4930, 1.5738, -14.6502



Tritanopia

22.4551, -10.7365, -4.8899

Trichromacy



Original Color

22.5872, -4.7814, -13.9628

Protanomaly

22.4711, -1.3950, -12.2924

Deuteranomaly

22.4458, -1.1675, -14.7872

Tritanomaly

22.4866, -8.7771, -7.8751

Monochromacy



Original Color

22.5872, -4.7814, -13.9628

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.7730, -3.5884, -3.8008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5872, -4.7814, -13.9628 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(21, 68, 94)` looks like.

```
.text, #text, p{  
    color:rgb(21, 68, 94)  
}
```

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(21, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 68, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5872, -4.7814, -13.9628 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(21, 68, 94) }
```


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

```
.border{ border-color:rgb(21, 68, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 68, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(21, 68, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.5872, -4.7814, -13.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 68, 94) }
```

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

```
.background{ background-color: rgb(21, 68,  
94) }
```

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