

Converting Colors

HunterLab(20.0904, -4.0897,
-47.3550)

Have a look what the booklet for
HunterLab(20.0904, -4.0897,
-47.3550) contains.

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Color

**HunterLab(22.5551, 4.9122,
-38.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	003F7F
RGB	0, 63, 127
RGB Percent	0%, 25%, 50%
CMY	0.9999, 0.7529, 0.5020
CMYK	1.00, 0.50, 0.00, 0.50
HSL	210°, 100%, 25%
HSV	210°, 100%, 50%
XYZ	5.6083, 5.0873, 20.7651
YIQ	51.4590, -58.0920, 6.5480

Conversions

Conversions Part 2

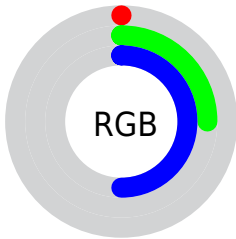
Format	Color
RYB	0, 42, 127
Decimal	16255
CIELab	26.98, 9.39, -41.01
CIELCh	27, 42.074, 282.894
Yxy	5.0875, 0.1783, 0.1617
Android (android.graphics.Color)	4278206335 (0xFF003F7F)
YUV	51.4590, 37.2417, -45.1295
Hunter-Lab	22.5551, 4.9122, -38.7960

Details

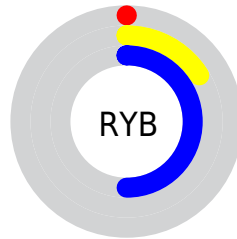
The HunterLab color **22.5551, 4.9122, -38.7960** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28.6019, 16.0175, 17.9038**, and the grayscale version is **18.2434, -0.9734, 0.9912**.

A 20% lighter version of the original color is **39.9796, 5.0202, -39.3132**, and **10.5339, 9.1264, -32.8677** is the 20% darker color. If you saturate the color by 10%, you get **22.5532, 4.9160, -38.8018**, and if you desaturate by 10%, it is **24.3341, 2.4948, -33.8837**.

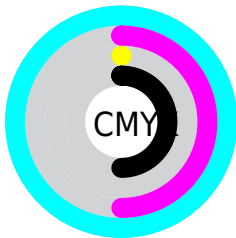
Distribution



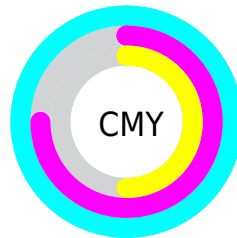
- Red (0%)
- Green (25%)
- Blue (50%)



- Red (0%)
- Yellow (16%)
- Blue (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.5551, 4.9122, -38.7960 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 22.5551, 4.9122, -38.7960 by changing the saturation by 10% instead.

■ 22.5551, 4.9122,
-38.7960

■ 22.5551, 4.9122,
-38.7960

■ 122.7453, 3.8458,
-43.9021

■ 15.1614, 4.6305,
-39.2976

■ 40.0076, 5.1520,
-39.5311

■ 8.7921, 4.3055,
-41.9723

■ 49.9047, 5.1440,
-40.1689

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 60.5052, 5.0661,
-40.8469

0.0000, NaN, -NF

■ 71.7654, 4.9259,
-41.5235

0.0000, NaN, NaN

■ 83.6485, 4.7294,
-42.1768

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.1236, 4.4814,

-42.7947

0.0000, NaN, NaN

109.1636, 4.1858,
-43.3709

22.5551, 4.9122,
-38.7960

22.5551, 4.9122,
-38.7960

22.5532, 4.9160,
-38.8018

24.3341, 2.4948,
-33.8837

26.2411, 0.4212,
-29.1898

28.3051, -1.1837,
-24.6378

30.5128, -2.3487,
-20.2548

32.8502, -3.1154,
-16.0519

■ 35.3043, -3.5287,
-12.0278

■ 37.8633, -3.6322,
-8.1738

■ 40.5167, -3.4655,
-4.4767

■ 43.2557, -3.0638,
-0.9215

Harmonies

Analogous

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



22.5554, -8.3724, -37.6650



22.5551, 4.9122, -38.7960



22.5554, 19.4249, -25.5468

Triad

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



22.5554, 4.9130, -38.7954



22.5554, 21.2495, 12.4254



22.5554, -21.1055, 7.3722

Complementary

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



22.5551, 4.9122, -38.7960



28.6019, 16.0175, 17.9038

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.



22.5554, -16.3484, 12.8876



22.5551, 4.9122, -38.7960



22.5554, 6.9875, 14.6294

Square

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



22.5554, 4.9130, -38.7954



22.5554, 30.2502, 6.0906



22.5554, -6.7327, 14.7765



22.5554, -21.4078, -5.0374

Rectangle

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



22.5551, 4.9122, -38.7960



22.5554, 27.0108, -13.2477



22.5554, -6.7327, 14.7765



22.5554, -20.0371, 9.8568

Sweetspot

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



22.5554, 4.9130, -38.7954



50.4151, -4.8633, -11.3055



39.4253, -30.5051, 16.5751



23.8001, -2.3461, -6.3470



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.



22.5554, 4.9130, -38.7954



29.6827, 7.5498, -53.3987



12.3805, 33.5713, -87.9408



21.2991, -1.4776, -0.3001



22.6430, 4.9488, -38.9848

0.0000, NaN, NaN

Inverse Universe

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



22.0710, 39.4192, 1.6572



29.4829, 52.5676, 2.9492



44.3745, -11.9184, 27.1341



20.9214, 1.0112, 0.5824



22.1632, 39.5866, 1.6754

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 22.5551, 4.9122, -38.7960 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 22.5551, 4.9122, -38.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

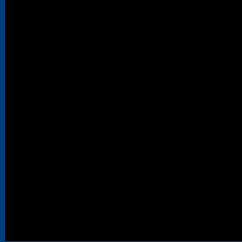
Any Text WCAG AA × Fail

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 22.5551, 4.9122, -38.7960 Background



This preview shows how black text looks on a background with the HunterLab color 22.5551, 4.9122, -38.7960.



This preview shows how white text looks on a background with the HunterLab color 22.5551, 4.9122,

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

22.5551, 4.9122, -38.7960

Protanopia

22.7118, 6.5412, -37.4190

Deuteranopia

22.6083, -0.2024, -27.8214



Tritanopia

22.4238, -10.9210, -4.4525

Trichromacy



Original Color

22.5551, 4.9122, -38.7960

Protanomaly

22.4984, 5.8686, -38.0512

Deuteranomaly

22.6108, 1.6406, -31.8031

Tritanomaly

22.2721, -5.8548, -15.1994

Monochromacy



Original Color

22.5551, 4.9122, -38.7960

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.9841, -1.5060, -11.4307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5551, 4.9122, -38.7960 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, 63, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 127)  
}
```

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, 63, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5551, 4.9122, -38.7960 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, 63, 127) }
```


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

```
.border{ border-color:rgb(0, 63, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.5551, 4.9122, -38.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 127) }
```

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

```
.background{ background-color: rgb(0, 63,  
127) }
```

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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