

Converting Colors

HunterLab(49.6978, 0.8465,
-22.1595)

Have a look what the booklet for
HunterLab(49.6978, 0.8465,
-22.1595) contains.

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Color

**HunterLab(49.6978, 0.8465,
-22.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	7488B6
RGB	116, 136, 182
RGB Percent	45%, 53%, 71%
CMY	0.5451, 0.4667, 0.2863
CMYK	0.36, 0.25, 0.00, 0.29
HSL	222°, 31%, 58%
HSV	222°, 36%, 71%
XYZ	24.4501, 24.6987, 47.7347
YIQ	135.2640, -26.6860, 10.0660

Conversions

Conversions Part 2

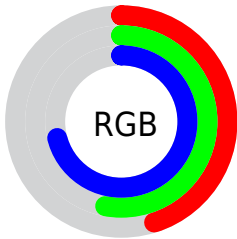
Format	Color
R _Y B	116, 131, 182
Decimal	7637174
CIE Lab	56.78, 4.28, -26.45
CIE LCh	57, 26.793, 279.198
Yxy	24.6997, 0.2524, 0.2549
Android (android.graphics.Color)	4285827254 (0xFF7488B6)
YUV	135.2640, 23.0408, -16.8945
Hunter-Lab	49.6978, 0.8465, -22.1595

Details

The HunterLab color $49.6978, 0.8465, -22.1595$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $60.8665, -2.8041, 21.3607$, and the grayscale version is $49.2468, -2.6277, 2.6757$.

A 20% lighter version of the original color is $71.4943, 0.2390, -23.0224$, and $30.6013, 1.6884, -21.3538$ is the 20% darker color. If you saturate the color by 10%, you get $44.9533, 3.0574, -30.6173$, and if you desaturate by 10%, it is $54.6430, -0.8740, -14.3647$.

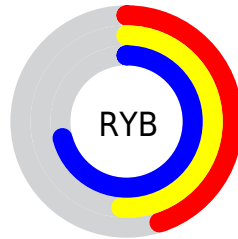
Distribution



Red (45%)

Green (53%)

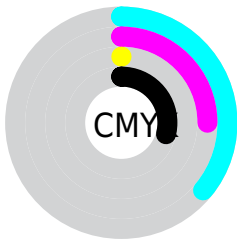
Blue (71%)



Red (45%)

Yellow (51%)

Blue (71%)

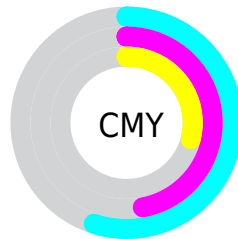


Cyan (36%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6978, 0.8465, -22.1595 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 49.6978, 0.8465, -22.1595 by changing the saturation by 10% instead.

■ 49.6978, 0.8465,
-22.1595

■ 49.6978, 0.8465,
-22.1595

166.2344, -3.6828,
-24.2404

■ 39.8164, 1.1316,
-21.6537

■ 71.5329, 0.1202,
-23.0079

■ 30.6928, 1.3571,
-21.1134

■ 83.4039, -0.3112,
-23.3459

■ 22.3975, 1.5132,
-20.5787

■ 95.8673, -0.7837,
-23.6265

■ 15.0231, 1.5861,
-20.1628

108.8963, -1.2947,
-23.8517

■ 8.6647, 1.6910,
-20.3797

122.4672, -1.8418,
-24.0234

0.0000, NaN, -NF

0.0000, NaN, -NF

136.5593, -2.4233,

-24.1440

0.0000, NaN, NaN

151.1540, -3.0375,
-24.2156

0.0000, NaN, NaN

■ 49.6978, 0.8465,
-22.1595

■ 49.6978, 0.8465,
-22.1595

■ 44.9533, 3.0574,
-30.6173

■ 54.6430, -0.8740,
-14.3647

■ 40.4408, 5.8658,
-39.8620

■ 59.7594, -2.1910,
-7.1238

■ 36.2050, 9.3910,
-50.0015

■ 65.0269, -3.1759,
-0.3383

■ 32.3016, 13.7503,
-61.0884

■ 70.4289, -3.8855,
6.0730

■ 28.7993, 19.0163,
-73.0331

■ 75.9518, -4.3650,
12.1770

■ 25.7719, 25.1236,
-85.4946

■ 81.5846, -4.6506,
18.0281

■ 24.7474, 27.5012,
-90.2993

■ 87.3180, -4.7714,
23.6707

■ 92.4580, -7.1459,
28.4670

■ 96.4945, -13.6247,
32.0280

Harmonies

Analogous

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



49.6988, -10.0967, -20.5963



49.6978, 0.8465, -22.1595



49.6988, 11.7496, -16.0023

Triad

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



49.6988, 0.8461, -22.1584



49.6988, 15.2208, 14.0199



49.6988, -21.2808, 9.4645

Complementary

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



49.6978, 0.8465, -22.1595



60.8665, -2.8041, 21.3607

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.



49.6988, -15.5845, 16.1420



49.6978, 0.8465, -22.1595



49.6988, 5.2532, 18.3375

Square

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



49.6988, 0.8461, -22.1584



49.6988, 20.5205, 5.8794



49.6988, -6.0608, 19.0169



49.6988, -22.2334, -0.6931

Rectangle

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



49.6978, 0.8465, -22.1595



49.6988, 17.2968, -9.0113



49.6988, -6.0608, 19.0169



49.6988, -19.8831, 12.1205

Sweetspot

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



49.6988, 0.8461, -22.1584



84.0405, -3.6740, -4.8847



63.0446, -24.3323, 6.6675



39.0474, -1.6412, -2.8766



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.6988, 0.8461, -22.1584



61.4792, 3.6168, -39.4321



45.2394, 13.9760, -29.8808



30.2513, -1.3860, -1.1384



21.0454, 22.4125, -74.6871



5.1827, 1.3475, -9.3869

Inverse Universe

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



49.2080, 22.6425, 2.6521



61.1944, 38.9758, 4.1660



65.7665, -16.1962, 25.3448



30.0929, 1.3962, 1.4693



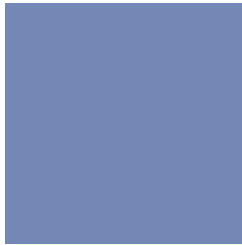
26.8876, 46.8133, 11.4253



5.1596, 9.1969, 0.5354

Previews

White Background



This preview shows how the HunterLab color 49.6978, 0.8465, -22.1595 looks on a white background.

Color Contrast Check

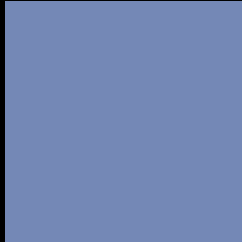
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.6978, 0.8465, -22.1595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

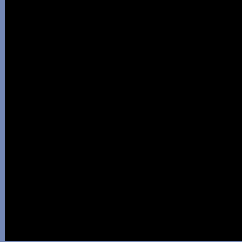
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

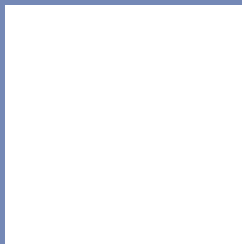
Any Text WCAG AAA × Fail

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

HunterLab 49.6978, 0.8465, -22.1595 Background



This preview shows how black text looks on a background with the HunterLab color 49.6978, 0.8465, -22.1595.



This preview shows how white text looks on a background with the HunterLab color 49.6978, 0.8465, -22.1595.

-22.1595.

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

49.6978, 0.8465, -22.1595

Protanopia

49.5957, 3.3073, -21.6425

Deuteranopia

49.6372, 3.5297, -22.2142



Tritanopia

49.5993, -9.1309, -5.6222

Trichromacy



Original Color

49.6978, 0.8465, -22.1595

Protanomaly

49.6560, 2.0722, -21.5635

Deuteranomaly

49.6975, 2.2954, -22.1346

Tritanomaly

49.5886, -5.3728, -11.5309

Monochromacy



Original Color

49.6978, 0.8465, -22.1595

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.1774, -1.7291, -5.5417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6978, 0.8465, -22.1595 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(116, 136, 182)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 182)  
}
```

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(116, 136, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6978, 0.8465, -22.1595 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(116, 136, 182) }
```


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

```
.border{ border-color:rgb(116, 136, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 136, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 182);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6978, 0.8465, -22.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 182) }
```

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

```
.background{ background-color: rgb(116,  
136, 182) }
```

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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