

Converting Colors

HunterLab(45.9522, 12.8320,
-20.0479)

Have a look what the booklet for
HunterLab(45.9522, 12.8320,
-20.0479) contains.

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Color

**HunterLab(45.9780, 12.5440,
-19.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	8976A9
RGB	137, 118, 169
RGB Percent	54%, 46%, 66%
CMY	0.4627, 0.5372, 0.3373
CMYK	0.19, 0.30, 0.00, 0.34
HSL	262°, 23%, 56%
HSV	262°, 30%, 66%
XYZ	23.9563, 21.1398, 40.3538
YIQ	129.4950, -5.0470, 19.8890

Conversions

Conversions Part 2

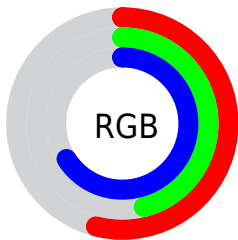
Format	Color
R_{YB}	137, 118, 169
Decimal	9008809
CIE _{Lab}	53.10, 17.98, -24.52
CIE _{LCh}	53, 30.406, 306.258
Yxy	21.1406, 0.2804, 0.2474
Android (android.graphics.Color)	4287198889 (0xFF8976A9)
YUV	129.4950, 19.4760, 6.5819
Hunter-Lab	45.9780, 12.5440, -19.8528

Details

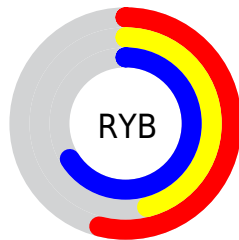
The HunterLab color $45.9780, 12.5440, -19.8528$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60.1402, -16.0957, 19.8782$, and the grayscale version is $46.9764, -2.5065, 2.5523$.

A 20% lighter version of the original color is $67.2366, 13.2579, -20.5232$, and $27.6462, 11.2703, -18.8601$ is the 20% darker color. If you saturate the color by 10%, you get $40.8140, 18.1801, -29.0610$, and if you desaturate by 10%, it is $51.4049, 7.1078, -11.4943$.

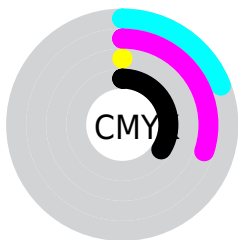
Distribution



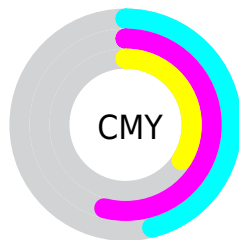
- Red (54%)
- Green (46%)
- Blue (66%)



- Red (54%)
- Yellow (46%)
- Blue (66%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9780, 12.5440, -19.8528 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 45.9780, 12.5440, -19.8528 by changing the saturation by 10% instead.

■ 45.9780, 12.5440,
-19.8528

■ 45.9780, 12.5440,
-19.8528

160.6315, 13.4261,
-21.6211

■ 36.3687, 12.0681,
-19.3720

■ 67.3212, 13.2109,
-20.6414

■ 27.5408, 11.4796,
-18.8533

■ 78.9666, 13.4246,
-20.9461

■ 19.5717, 10.7572,
-18.3400

■ 91.2155, 13.5687,
-21.1919

■ 12.5667, 9.8751,
-17.9653

104.0393, 13.6494,
-21.3811

■ 5.8611, 13.0564,
-22.0092

117.4134, 13.6715,
-21.5162

0.0000, NaN, -NF

0.0000, NaN, NaN

131.3161, 13.6394,

-21.5997

0.0000, NaN, NaN

145.7279, 13.5565,
-21.6339

0.0000, NaN, NaN

■ 45.9780, 12.5440,
-19.8528

■ 45.9780, 12.5440,
-19.8528

■ 40.8140, 18.1801,
-29.0610

■ 51.4049, 7.1078,
-11.4943

■ 35.9661, 24.0240,
-39.2958

■ 57.0504, 1.8468,
-3.8233

■ 31.5115, 30.0203,
-50.6833

■ 62.8845, -3.2719,
3.3010

■ 27.5520, 35.9789,
-63.1684

■ 68.8832, -8.2782,
9.9918

■ 24.2165, 41.4583,
-76.2538

■ 75.0281, -13.1979,
16.3382

■ 21.6438, 45.6851,
-88.6890

■ 81.3044, -18.0522,
22.4105

■ 19.7991, 48.3744,
-99.3589

■ 87.7001, -22.8585,
28.2636

■ 94.2056, -27.6307,
33.9411

■ 95.7151, -25.1294,
35.2876

Harmonies

Analogous

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



45.9789, 0.1775, -26.3024



45.9780, 12.5440, -19.8528



45.9789, 21.5188, -7.6191

Triad

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



45.9789, 12.5432, -19.8517



45.9789, 7.5632, 18.8237



45.9789, -23.8746, -0.0441

Complementary

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



45.9780, 12.5440, -19.8528



60.1402, -16.0957, 19.8782

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.



45.9789, -22.3437, 10.7444



45.9780, 12.5440, -19.8528



45.9789, -5.0311, 19.8466

Square

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



45.9789, 12.5432, -19.8517



45.9789, 18.4368, 14.0165



45.9789, -15.7487, 17.3152



45.9789, -20.1771, -13.0682

Rectangle

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



45.9780, 12.5440, -19.8528



45.9789, 23.8934, 0.9949



45.9789, -15.7487, 17.3152



45.9789, -23.9484, 3.9612

Sweetspot

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



45.9789, 12.5432, -19.8517



77.1298, 1.7682, -4.1183



53.5027, -8.2623, -8.7732



35.5054, 1.2789, -2.5668



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



45.9789, 12.5432, -19.8517



57.0168, 21.6329, -34.3930



48.5021, 20.3079, -15.6429



27.2609, 0.6555, -1.4996



17.1755, 41.8434, -85.2557



3.1778, 7.0766, -10.6171

Inverse Universe

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



48.5743, 19.1610, -4.9536



61.3830, 32.2074, -8.6047



58.3347, -22.8736, 18.1240



27.6016, 1.6327, 0.3085



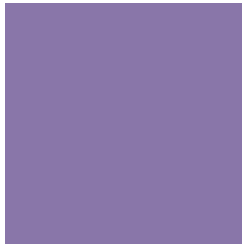
26.5958, 48.5044, -5.7462



4.2603, 7.9658, -2.4410

Previews

White Background



This preview shows how the HunterLab color 45.9780, 12.5440, -19.8528 looks on a white background.

Color Contrast Check

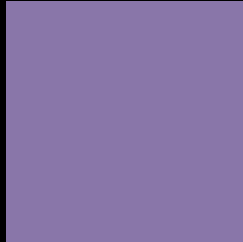
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.9780, 12.5440, -19.8528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

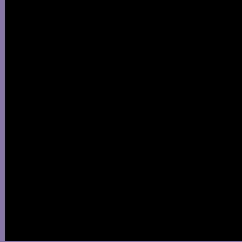
Any Text WCAG AA ✓ Pass

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 45.9780, 12.5440, -19.8528 Background



This preview shows how black text looks on a background with the HunterLab color 45.9780, 12.5440, -19.8528.



This preview shows how white text looks on a background with the HunterLab color 45.9780, 12.5440, -19.8528.

-19.8528.

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

45.9780, 12.5440, -19.8528

Protanopia

46.0087, 3.5025, -23.1924

Deuteranopia

46.1262, 3.3997, -19.1358



Tritanopia

46.0888, 0.9356, -1.0710

Trichromacy



Original Color

45.9780, 12.5440, -19.8528

Protanomaly

45.7849, 6.7819, -22.2111

Deuteranomaly

45.8599, 6.6973, -19.5188

Tritanomaly

45.8391, 5.0571, -7.3694

Monochromacy



Original Color

45.9780, 12.5440, -19.8528

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.4611, 2.7672, -4.9936

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9780, 12.5440, -19.8528 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(137, 118, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 118, 169)  
}
```

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(137, 118, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 118, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9780, 12.5440, -19.8528 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(137, 118, 169) }
```


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

```
.border{ border-color:rgb(137, 118, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 118, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 118, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 118, 169);  
box-shadow:4px 4px 4px 4px rgb(137, 118,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9780, 12.5440, -19.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 118, 169) }
```

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

```
.background{ background-color: rgb(137,  
118, 169) }
```

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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