

Converting Colors

HunterLab(48.9695, -22.1104,
18.7631)

Have a look what the booklet for
HunterLab(48.9695, -22.1104,
18.7631) contains.

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Color

**HunterLab(49.0619,
-22.2663, 18.9453)**

Conversions

Conversions Part 1

Format	Color
Hex	669257
RGB	102, 146, 87
RGB Percent	40%, 57%, 34%
CMY	0.6000, 0.4274, 0.6588
CMYK	0.30, 0.00, 0.40, 0.43
HSL	105°, 25%, 46%
HSV	105°, 40%, 57%
XYZ	17.4787, 24.0707, 12.7417
YIQ	126.1180, -7.2850, -27.6770

Conversions

Conversions Part 2

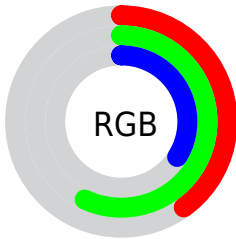
Format	Color
R_{YB}	87, 146, 131
Decimal	6722135
CIE _{Lab}	56.16, -26.70, 26.59
CIE _{LCh}	56, 37.677, 135.119
Yxy	24.0717, 0.3219, 0.4434
Android (android.graphics.Color)	4284912215 (0xFF669257)
YUV	126.1180, -19.2852, -21.1515
Hunter-Lab	49.0619, -22.2663, 18.9453

Details

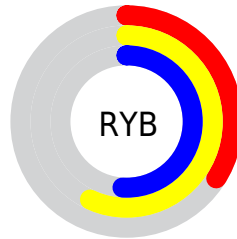
The HunterLab color $49.0619, -22.2663, 18.9453$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $37.0375, 21.7304, -20.3320$, and the grayscale version is $45.7990, -2.4437, 2.4883$.

A 20% lighter version of the original color is $70.7899, -26.1490, 23.0240$, and $30.1126, -17.7744, 14.2914$ is the 20% darker color. If you saturate the color by 10%, you get $48.2304, -25.9735, 21.6432$, and if you desaturate by 10%, it is $50.0136, -18.0926, 15.7219$.

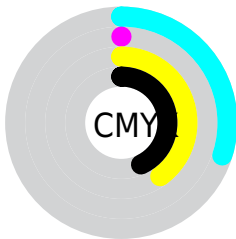
Distribution



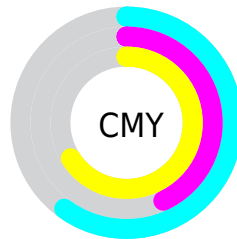
- Red (40%)
- Green (57%)
- Blue (34%)



- Red (34%)
- Yellow (57%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (60%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0619, -22.2663, 18.9453 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 49.0619, -22.2663, 18.9453 by changing the saturation by 10% instead.

■ 49.0619, -22.2663,
18.9453

■ 49.0619, -22.2663,
18.9453

165.2825,
-39.7474, 36.6329

■ 39.2261, -20.0721,
16.6924

■ 70.8147, -26.4136,
23.1764

■ 30.1518, -17.7553,
14.3039

■ 82.6478, -28.4025,
25.1955

■ 21.9107, -15.2646,
11.7286

■ 95.0752, -30.3518,
27.1692

■ 14.5975, -12.5098,
9.8561

■ 108.0697,
-32.2701, 29.1073

■ 8.2577, -14.4510,
5.7804

■ 121.6076,
-34.1640, 31.0173

0.0000, NaN, NaN

135.6679,

0.0000, NaN, NaN

-36.0389, 32.9052

0.0000, NaN, NaN

150.2318,
-37.8989, 34.7758

0.0000, NaN, NaN

■ 49.0619, -22.2663,
18.9453

■ 49.0619, -22.2663,
18.9453

■ 48.2304, -25.9735,
21.6432

■ 50.0136, -18.0926,
15.7219

■ 47.5157, -29.1876,
23.8061

■ 51.0813, -13.4804,
11.9901

■ 46.9171, -31.8953,
25.4390

■ 52.2642, -8.4664,
7.7769

■ 46.4311, -34.0945,
26.5623

■ 53.5592, -3.0890,
3.1138

■ 46.0523, -35.7972,
27.2156

■ 54.9630, 2.6123,
-1.9639

■ 45.7758, -37.0325,
27.5585

■ 56.4714, 8.5986,
-7.4198

■ 58.0802, 14.8330,
-13.2172

■ 59.7846, 21.2810,
-19.3206

■ 61.5803, 27.9110,
-25.6963

Harmonies

Analogous

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



49.0630, -10.2636, 23.1201



49.0619, -22.2663, 18.9453



49.0630, -28.5664, 9.5008

Triad

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



49.0630, -22.2673, 18.9457



49.0630, -10.1498, -34.0732



49.0630, 30.1299, 9.5987

Complementary

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



49.0619, -22.2663, 18.9453



37.0375, 21.7304, -20.3320

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.



49.0630, 30.1705, -5.3090



49.0619, -22.2663, 18.9453



49.0630, 5.5211, -34.0216

Square

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



49.0630, -22.2673, 18.9457



49.0630, -22.1931, -22.4069



49.0630, 20.7057, -22.2825



49.0630, 20.6011, 18.9979

Rectangle

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



49.0619, -22.2663, 18.9453



49.0630, -29.2604, 0.0332



49.0630, 20.7057, -22.2825



49.0630, 31.2895, 5.1693

Sweetspot

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



49.0630, -22.2673, 18.9457



69.1165, -12.5022, 11.4000



47.7876, -2.9702, 18.2068



32.5145, -6.2544, 5.6800



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.0630, -22.2673, 18.9457



64.2076, -33.8280, 28.2736



48.4976, -23.9655, 14.4852



25.5645, -3.8243, 3.5320



42.9516, -34.6925, 25.8592



4.8801, -3.3035, 2.9493

Inverse Universe

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



37.0375, 21.7304, -20.3320



45.2676, 35.8836, -34.3122



38.2104, 23.9644, -10.0397



24.1573, 1.2675, -0.9711



21.6608, 45.5259, -51.3598



2.6729, 5.4136, -4.7555

Previews

White Background



This preview shows how the HunterLab color 49.0619, -22.2663, 18.9453 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 49.0619, -22.2663, 18.9453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

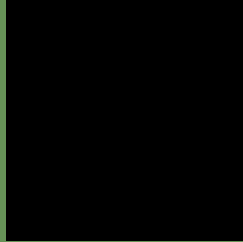
Any Text WCAG AA ✓ Pass

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 49.0619, -22.2663, 18.9453 Background



This preview shows how black text looks on a background with the HunterLab color 49.0619, -22.2663, 18.9453.



This preview shows how white text looks on a background with the HunterLab color 49.0619, -22.2663, 18.9453.

-22.2663, 18.9453.

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

49.0619, -22.2663, 18.9453

Protanopia

48.7549, -5.1335, 20.2451

Deuteranopia

48.6490, 3.3078, 17.9728



Tritanopia

49.1040, -8.0681, -4.7232

Trichromacy



Original Color

49.0619, -22.2663, 18.9453

Protanomaly

48.5416, -11.7901, 19.4600

Deuteranomaly

48.5336, -7.1216, 17.9649

Tritanomaly

49.0576, -14.2140, 5.7135

Monochromacy



Original Color

49.0619, -22.2663, 18.9453

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.6120, -10.1578, 9.0457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0619, -22.2663, 18.9453 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(102, 146, 87)` looks like.

```
.text, #text, p{  
    color:rgb(102, 146, 87)  
}
```

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(102, 146, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 146, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0619, -22.2663, 18.9453 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(102, 146, 87) }
```


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

```
.border{ border-color:rgb(102, 146, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 146, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 146, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 146, 87);  
box-shadow:4px 4px 4px 4px rgb(102, 146,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0619, -22.2663, 18.9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 146, 87) }
```

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

```
.background{ background-color: rgb(102,  
146, 87) }
```

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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