

Converting Colors

HunterLab(21.7673, 15.8519,
-21.9278)

Have a look what the booklet for
HunterLab(21.7673, 15.8519,
-21.9278) contains.

HunterLab(21.7545, 15.8991, -22.0105)	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(21.7545, 15.8991,
-22.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3168
RGB	76, 49, 104
RGB Percent	30%, 19%, 41%
CMY	0.7020, 0.8078, 0.5922
CMYK	0.27, 0.53, 0.00, 0.59
HSL	269°, 36%, 30%
HSV	269°, 53%, 41%
XYZ	6.5775, 4.7326, 13.6635
YIQ	63.3430, -1.5630, 22.8290

Conversions

Conversions Part 2

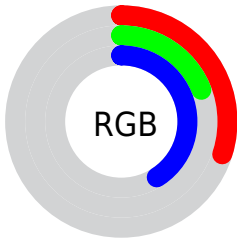
Format	Color
RYB	76, 49, 104
Decimal	4993384
CIELab	25.96, 24.42, -27.79
CIElCh	26, 36.993, 311.312
Yxy	4.7328, 0.2634, 0.1895
Android (android.graphics.Color)	4283183464 (0xFF4C3168)
YUV	63.3430, 20.0439, 11.1002
Hunter-Lab	21.7545, 15.8991, -22.0105

Details

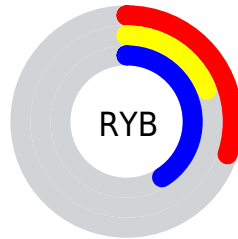
The HunterLab color **21.7545, 15.8991, -22.0105** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **34.2056, -15.1621, 15.7750**, and the grayscale version is **22.3475, -1.1924, 1.2142**.

A 20% lighter version of the original color is **39.0872, 18.0729, -23.3075**, and **8.0949, 13.9438, -22.1710** is the 20% darker color. If you saturate the color by 10%, you get **19.3727, 19.4310, -27.8051**, and if you desaturate by 10%, it is **24.3542, 12.3658, -16.6606**.

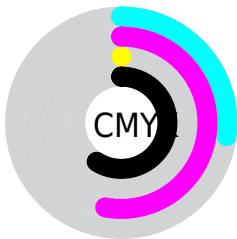
Distribution



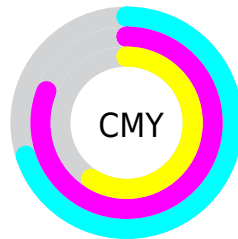
- Red (30%)
- Green (19%)
- Blue (41%)



- Red (30%)
- Yellow (19%)
- Blue (41%)



- Cyan (27%)
- Magenta (53%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (81%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7545, 15.8991, -22.0105 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 21.7545, 15.8991, -22.0105 by changing the saturation by 10% instead.

■ 21.7545, 15.8991,
-22.0105

■ 21.7545, 15.8991,
-22.0105

■ 121.3315, 21.1885,
-25.7414

■ 14.4614, 14.7259,
-21.6550

■ 39.0368, 17.7952,
-23.0983

■ 8.1225, 13.9970,
-22.4214

■ 48.8590, 18.5520,
-23.6334

0.0000, INF, -NF

■ 59.3897, 19.2015,
-24.1230

0.0000, NaN, -NF

■ 70.5842, 19.7556,
-24.5587

0.0000, NaN, NaN

■ 82.4051, 20.2240,
-24.9379

0.0000, NaN, NaN

■ 94.8209, 20.6147,

0.0000, NaN, NaN

0.0000, NaN, NaN

-25.2604

0.0000, NaN, NaN

107.8043, 20.9343,
-25.5277

■ 21.7545, 15.8991,
-22.0105

■ 21.7545, 15.8991,
-22.0105

■ 19.3727, 19.4310,
-27.8051

■ 24.3542, 12.3658,
-16.6606

■ 17.2555, 22.8303,
-33.9683

■ 27.1322, 8.8918,
-11.7450

■ 15.4597, 25.8549,
-40.2492

■ 30.0595, 5.4970,
-7.2136

■ 14.0264, 28.2022,
-46.2238

■ 33.1133, 2.1819,
-3.0075

■ 13.0565, 30.0145,
-50.9019

■ 36.2762, -1.0617,
0.9293

■ 39.5345, -4.2446,
4.6454

■ 42.8774, -7.3779,
8.1817

■ 46.2961, -10.4716,
11.5715

■ 49.7837, -13.5347,
14.8419

Harmonies

Analogous

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



21.7549, 3.4609, -32.3049



21.7545, 15.8991, -22.0105



21.7549, 24.7171, -6.9120

Triad

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



21.7549, 15.8988, -22.0098



21.7549, 6.5809, 13.3773



21.7549, -19.2136, -3.4796

Complementary

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



21.7545, 15.8991, -22.0105



34.2056, -15.1621, 15.7750

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.



21.7549, -18.7275, 7.0182



21.7545, 15.8991, -22.0105



21.7549, -5.4284, 13.6120

Square

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



21.7549, 15.8988, -22.0098



21.7549, 18.5970, 11.1459



21.7549, -14.1851, 11.9471



21.7549, -15.6938, -18.3797

Rectangle

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



21.7545, 15.8991, -22.0105



21.7549, 26.4256, 1.6716



21.7549, -14.1851, 11.9471



21.7549, -19.4896, 0.6853

Sweetspot

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



21.7549, 15.8988, -22.0098



42.3994, 4.4448, -5.9263



26.4931, -2.9150, -13.0359



20.6496, 2.5121, -3.3275



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



21.7549, 15.8988, -22.0098



25.1006, 26.6094, -38.3412



24.6672, 23.4078, -15.8697



16.8031, 0.4313, -0.6897



14.4306, 33.2504, -56.8568



32.1597, 75.0549, -134.1042

Inverse Universe

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



23.8236, 19.3498, -2.4551



28.7081, 31.5120, -3.3151



32.8610, -20.4820, 14.6473



16.9337, 0.7468, 0.4678



19.8436, 35.5436, 0.7224



45.1218, 80.4597, 4.4489

Previews

White Background



This preview shows how the HunterLab color 21.7545, 15.8991, -22.0105 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 21.7545, 15.8991, -22.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

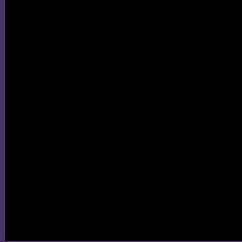
Any Text WCAG AA × Fail

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 21.7545, 15.8991, -22.0105 Background



This preview shows how black text looks on a background with the HunterLab color 21.7545, 15.8991, -22.0105.



This preview shows how white text looks on a background with the HunterLab color 21.7545, 15.8991, -22.0105.

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

21.7545, 15.8991, -22.0105

Protanopia

21.8926, 5.2075, -30.3452

Deuteranopia

21.8590, 1.2255, -19.9038



Tritanopia

21.8250, 2.2386, 0.3108

Trichromacy



Original Color

21.7545, 15.8991, -22.0105

Protanomaly

21.5151, 8.3943, -28.0388

Deuteranomaly

21.4228, 6.0597, -21.4832

Tritanomaly

21.6208, 7.1580, -6.8369

Monochromacy



Original Color

21.7545, 15.8991, -22.0105

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9206, 4.5699, -5.9079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7545, 15.8991, -22.0105 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(76, 49, 104)` looks like.

```
.text, #text, p{  
    color:rgb(76, 49, 104)  
}
```

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(76, 49, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 49, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7545, 15.8991, -22.0105 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(76, 49, 104) }
```


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

```
.border{ border-color:rgb(76, 49, 104) }
```

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

Here you see how a box with a 4 pixel rgb(76, 49, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 49, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 49, 104);  
box-shadow:4px 4px 4px 4px rgb(76, 49,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7545, 15.8991, -22.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 49, 104) }
```

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

```
.background{ background-color: rgb(76, 49,  
104) }
```

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