

Converting Colors

HunterLab(21.3160, 3.5856,
-22.6367)

Have a look what the booklet for
HunterLab(21.3160, 3.5856,
-22.6367) contains.

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Color

**HunterLab(21.3502, 3.4971,
-22.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	283B67
RGB	40, 59, 103
RGB Percent	16%, 23%, 40%
CMY	0.8431, 0.7686, 0.5961
CMYK	0.61, 0.43, 0.00, 0.60
HSL	222°, 44%, 28%
HSV	222°, 61%, 40%
XYZ	4.8872, 4.5583, 13.4542
YIQ	58.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

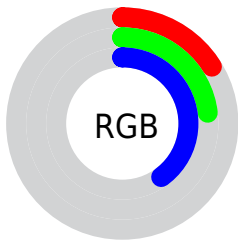
Format	Color
R_{YB}	40, 55, 103
Decimal	2636647
CIE Lab	25.44, 7.32, -28.17
CIE LCh	25, 29.107, 284.563
Yxy	4.5585, 0.2134, 0.1991
Android (android.graphics.Color)	4280826727 (0xFF283B67)
YUV	58.3350, 22.0198, -16.0798
Hunter-Lab	21.3502, 3.4971, -22.4175

Details

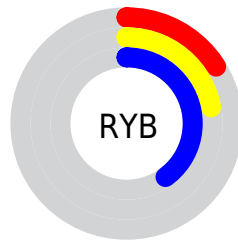
The HunterLab color **21.3502, 3.4971, -22.4175** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.6234, -0.2732, 14.9779**, and the grayscale version is **20.6182, -1.1001, 1.1202**.

A 20% lighter version of the original color is **38.5556, 3.3673, -23.1961**, and **8.2851, 5.1987, -21.5781** is the 20% darker color. If you saturate the color by 10%, you get **19.2084, 5.3629, -27.6783**, and if you desaturate by 10%, it is **23.6312, 1.9893, -17.5990**.

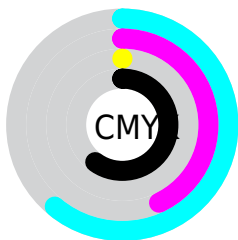
Distribution



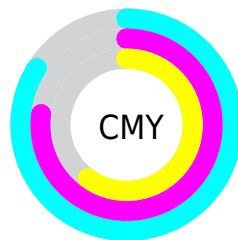
- Red (16%)
- Green (23%)
- Blue (40%)



- Red (16%)
- Yellow (22%)
- Blue (40%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3502, 3.4971, -22.4175 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 21.3502, 3.4971, -22.4175 by changing the saturation by 10% instead.

■ 21.3502, 3.4971,
-22.4175

■ 21.3502, 3.4971,
-22.4175

■ 120.6129, 1.5911,
-26.2330

■ 14.1089, 3.3381,
-22.0939

■ 38.5449, 3.5143,
-23.5035

■ 7.7589, 3.6958,
-23.3074

■ 48.3288, 3.4052,
-24.0475

0.0000, NaN, -NF

■ 58.8237, 3.2314,
-24.5485

0.0000, NaN, -NF

■ 69.9846, 3.0000,
-24.9968

0.0000, NaN, NaN

■ 81.7736, 2.7163,
-25.3891

0.0000, NaN, NaN

■ 94.1591, 2.3847,

0.0000, NaN, NaN

-25.7251

0.0000, NaN, NaN

107.1135, 2.0086,
-26.0058

■ 21.3502, 3.4971,
-22.4175

■ 21.3502, 3.4971,
-22.4175

■ 19.2084, 5.3629,
-27.6783

■ 23.6312, 1.9893,
-17.5990

■ 17.2313, 7.6389,
-33.4013

■ 26.0291, 0.7831,
-13.1765

■ 15.4511, 10.3541,
-39.5377

■ 28.5276, -0.1721,
-9.0938

■ 14.0087, 12.9437,
-45.4513

■ 31.1134, -0.9191,
-5.2971

■ 33.7760, -1.4933,
-1.7387

■ 36.5071, -1.9234,
1.6217

■ 39.2998, -2.2322,
4.8180

■ 42.1484, -2.4385,
7.8782

■ 45.0483, -2.5573,
10.8250

Harmonies

Analogous

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



21.3506, -5.6527, -22.2877



21.3502, 3.4971, -22.4175



21.3506, 12.7609, -14.6614

Triad

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



21.3506, 3.4973, -22.4169



21.3506, 12.9986, 9.9257



21.3506, -15.6694, 5.1776

Complementary

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



21.3502, 3.4971, -22.4175



30.6234, -0.2732, 14.9779

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.



21.3506, -12.1998, 10.0178



21.3502, 3.4971, -22.4175



21.3506, 3.7809, 11.8583

Square

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



21.3506, 3.4973, -22.4169



21.3506, 18.8452, 4.9788



21.3506, -5.4131, 11.8828



21.3506, -15.7191, -3.5223

Rectangle

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



21.3502, 3.4971, -22.4175



21.3506, 17.3207, -7.4136



21.3506, -5.4131, 11.8828



21.3506, -14.8945, 7.2056

Sweetspot

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



21.3506, 3.4973, -22.4169



42.5628, -1.4530, -5.8056



32.8284, -17.8180, 5.1180



20.6334, -0.6246, -3.4051



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.



21.3506, 3.4973, -22.4169



24.6217, 8.3194, -40.0124



17.9314, 14.4150, -31.1275



16.9875, -0.7914, -0.4774



15.5272, 15.0126, -51.8157



33.4633, 39.8588, -127.8698

Inverse Universe

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



21.7190, 20.6880, 2.4498



26.1748, 33.6565, 4.9578



34.7864, -11.6549, 17.8091



16.9079, 0.6079, 0.8355



19.3570, 33.7642, 7.7422



44.0491, 76.5291, 19.9860

Previews

White Background



This preview shows how the HunterLab color 21.3502, 3.4971, -22.4175 looks on a white background.

Color Contrast Check

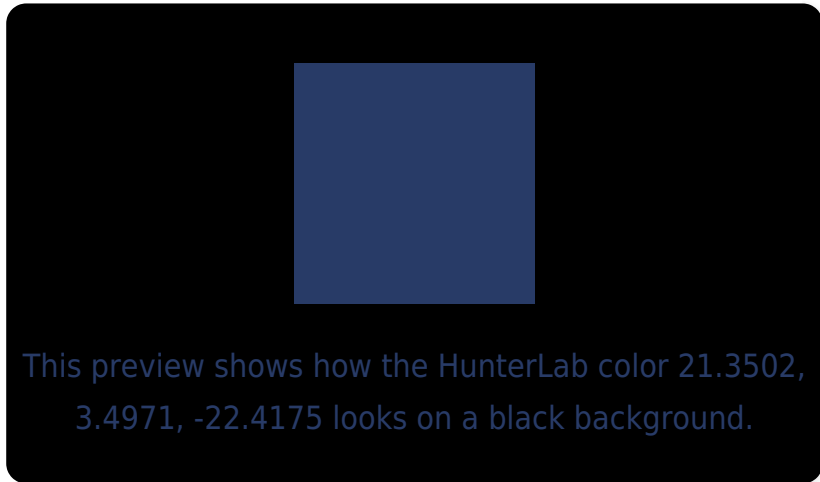
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

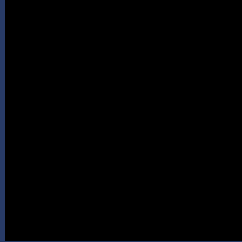
Any Text WCAG AA × Fail

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 21.3502, 3.4971, -22.4175 Background



This preview shows how black text looks on a background with the HunterLab color 21.3502, 3.4971, -22.4175.



This preview shows how white text looks on a background with the HunterLab color 21.3502, 3.4971, -22.4175.

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

21.3502, 3.4971, -22.4175

Protanopia

21.3977, 3.6518, -22.3064

Deuteranopia

21.3962, 1.1297, -22.3540



Tritanopia

21.3496, -8.2121, -3.5433

Trichromacy



Original Color

21.3502, 3.4971, -22.4175

Protanomaly

21.3977, 3.6518, -22.3064

Deuteranomaly

21.2939, 2.0607, -22.5715

Tritanomaly

21.1082, -4.1770, -10.0530

Monochromacy



Original Color

21.3502, 3.4971, -22.4175

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5532, -0.2360, -6.0282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3502, 3.4971, -22.4175 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(40, 59, 103)` looks like.

```
.text, #text, p{  
    color:rgb(40, 59, 103)  
}
```

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(40, 59, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 59, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3502, 3.4971, -22.4175 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(40, 59, 103) }
```


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

```
.border{ border-color:rgb(40, 59, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 59, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 59, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 59, 103);  
box-shadow:4px 4px 4px 4px rgb(40, 59,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3502, 3.4971, -22.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 59, 103) }
```

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

```
.background{ background-color: rgb(40, 59,  
103) }
```

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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