

Converting Colors

HunterLab(17.6243, -10.8353,
-46.1269)

Have a look what the booklet for
HunterLab(17.6243, -10.8353,
-46.1269) contains.

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Color

**HunterLab(21.4985, 2.8928,
-33.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	003D75
RGB	0, 61, 117
RGB Percent	0%, 24%, 46%
CMY	0.9999, 0.7608, 0.5412
CMYK	1.00, 0.48, 0.00, 0.54
HSL	209°, 100%, 23%
HSV	209°, 100%, 46%
XYZ	4.8796, 4.6219, 17.4646
YIQ	49.1450, -54.3320, 4.4840

Conversions

Conversions Part 2

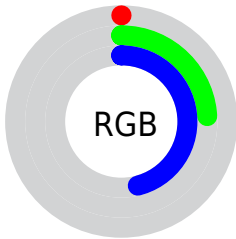
Format	Color
RYB	0, 40, 117
Decimal	15733
CIELab	25.63, 6.40, -36.89
CIELCh	26, 37.442, 279.837
Yxy	4.6220, 0.1810, 0.1714
Android (android.graphics.Color)	4278205813 (0xFF003D75)
YUV	49.1450, 33.4525, -43.1002
Hunter-Lab	21.4985, 2.8928, -33.1160

Details

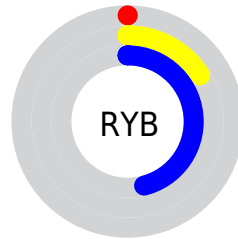
The HunterLab color **21.4985, 2.8928, -33.1160** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.7131, 15.7521, 16.1191**, and the grayscale version is **17.4800, -0.9327, 0.9497**.

A 20% lighter version of the original color is **38.7864, 2.8396, -34.1843**, and **9.3973, 7.7969, -28.5771** is the 20% darker color. If you saturate the color by 10%, you get **21.4970, 2.8957, -33.1204**, and if you desaturate by 10%, it is **23.0814, 0.9204, -28.9924**.

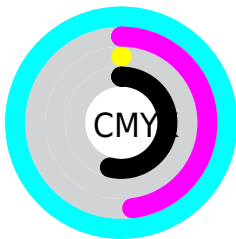
Distribution



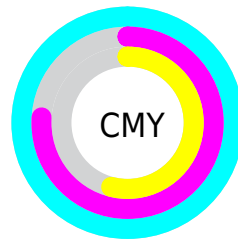
- Red (0%)
- Green (24%)
- Blue (46%)



- Red (0%)
- Yellow (16%)
- Blue (46%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (76%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4985, 2.8928, -33.1160 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 21.4985, 2.8928, -33.1160 by changing the saturation by 10% instead.

■ 21.4985, 2.8928,
-33.1160

■ 21.4985, 2.8928,
-33.1160

■ 120.8767, 0.5590,
-37.9966

■ 14.2381, 2.8019,
-33.3447

■ 38.7254, 2.7933,
-34.0183

■ 7.8944, 3.1093,
-36.2054

■ 48.5233, 2.6321,
-34.6521

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.0314, 2.4096,
-35.2966

0.0000, NaN, NaN

■ 70.2046, 2.1320,
-35.9207

0.0000, NaN, NaN

■ 82.0054, 1.8046,
-36.5088

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.4020, 1.4312,

-37.0529

0.0000, NaN, NaN

107.3671, 1.0151,
-37.5493

21.4985, 2.8928,
-33.1160

21.4985, 2.8928,
-33.1160

21.4970, 2.8957,
-33.1204

23.0814, 0.9204,
-28.9924

24.7635, -0.7772,
-25.0491

26.5790, -2.0659,
-21.2007

28.5178, -2.9692,
-17.4694

30.5692, -3.5209,
-13.8670

■ 32.7227, -3.7583,
-10.3960

■ 34.9686, -3.7178,
-7.0528

■ 37.2984, -3.4334,
-3.8298

■ 39.7044, -2.9352,
-0.7173

Harmonies

Analogous

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



21.4988, -8.4661, -30.8334



21.4985, 2.8928, -33.1160



21.4988, 15.5211, -23.0811

Triad

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



21.4988, 2.8934, -33.1155



21.4988, 19.3437, 10.9526



21.4988, -18.6577, 7.3915

Complementary

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



21.4985, 2.8928, -33.1160



25.7131, 15.7521, 16.1191

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.



21.4988, -13.9072, 12.0598



21.4985, 2.8928, -33.1160



21.4988, 7.3017, 13.3060

Square

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



21.4988, 2.8934, -33.1155



21.4988, 26.2914, 4.5602



21.4988, -4.9118, 13.6423



21.4988, -19.3372, -2.8812

Rectangle

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



21.4985, 2.8928, -33.1160



21.4988, 22.3689, -12.8539



21.4988, -4.9118, 13.6423



21.4988, -17.5423, 9.4732

Sweetspot

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



21.4988, 2.8934, -33.1155



46.5533, -4.9918, -9.7837



36.0484, -28.2163, 15.8549



21.8426, -2.4162, -5.3912



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



21.4988, 2.8934, -33.1155



28.2883, 4.7677, -45.6500



11.7021, 29.1498, -77.5486



19.6884, -1.4186, -0.2104



22.4952, 3.1677, -34.9552



47.8902, 10.3396, -82.1788

Inverse Universe

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



20.2957, 36.4134, 0.2462



27.1071, 48.5454, 1.0543



39.5155, -9.2871, 24.1861



19.3126, 0.9205, 0.4923



21.2951, 38.1966, 0.3652



46.8238, 83.6450, 3.4518

Previews

White Background



This preview shows how the HunterLab color 21.4985, 2.8928, -33.1160 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 21.4985, 2.8928, -33.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

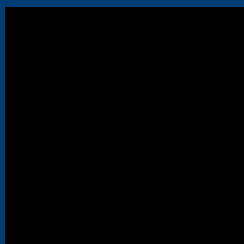
Any Text WCAG AA × Fail

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 21.4985, 2.8928, -33.1160 Background



This preview shows how black text looks on a background with the HunterLab color 21.4985, 2.8928, -33.1160.



This preview shows how white text looks on a background with the HunterLab color 21.4985, 2.8928, -33.1160.

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

21.4985, 2.8928, -33.1160

Protanopia

21.5802, 5.4412, -31.1695

Deuteranopia

21.6352, 0.0244, -27.0947



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.4985, 2.8928, -33.1160

Protanomaly

21.5439, 4.1953, -32.1235

Deuteranomaly

21.5349, 1.2988, -29.7204

Tritanomaly

21.2176, -6.0583, -13.4421

Monochromacy



Original Color

21.4985, 2.8928, -33.1160

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.2536, -1.8813, -9.8284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4985, 2.8928, -33.1160 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(0, 61, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 117)  
}
```

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(0, 61, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4985, 2.8928, -33.1160 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(0, 61, 117) }
```


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

```
.border{ border-color:rgb(0, 61, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4985, 2.8928, -33.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 117) }
```

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

```
.background{ background-color: rgb(0, 61,  
117) }
```

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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