

Converting Colors

HunterLab(21.8911, 2.2885,
-32.3030)

Have a look what the booklet for
HunterLab(21.8911, 2.2885,
-32.3030) contains.

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Color

**HunterLab(21.9986, 1.9792,
-31.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	003F75
RGB	0, 63, 117
RGB Percent	0%, 25%, 46%
CMY	0.9999, 0.7529, 0.5412
CMYK	1.00, 0.46, 0.00, 0.54
HSL	208°, 100%, 23%
HSV	208°, 100%, 46%
XYZ	4.9884, 4.8394, 17.5008
YIQ	50.3190, -54.8820, 3.4380

Conversions

Conversions Part 2

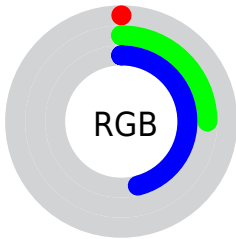
Format	Color
RYB	0, 41, 117
Decimal	16245
CIELab	26.27, 5.00, -35.86
CIELCh	26, 36.205, 277.931
Yxy	4.8395, 0.1825, 0.1771
Android (android.graphics.Color)	4278206325 (0xFF003F75)
YUV	50.3190, 32.8737, -44.1298
Hunter-Lab	21.9986, 1.9792, -31.7687

Details

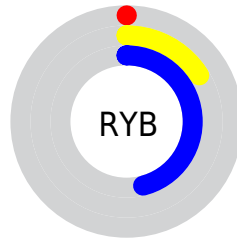
The HunterLab color **21.9986, 1.9792, -31.7687** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.3410, 16.6262, 15.9051**, and the grayscale version is **17.8744, -0.9537, 0.9712**.

A 20% lighter version of the original color is **39.3327, 1.8698, -33.0573**, and **9.9558, 6.4287, -26.3216** is the 20% darker color. If you saturate the color by 10%, you get **21.9970, 1.9821, -31.7732**, and if you desaturate by 10%, it is **23.5445, 0.1161, -27.8709**.

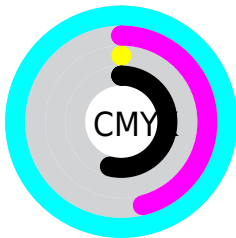
Distribution



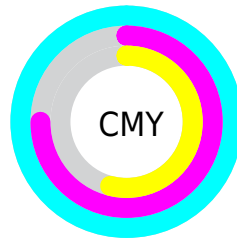
- Red (0%)
- Green (25%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9986, 1.9792, -31.7687 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 21.9986, 1.9792, -31.7687 by changing the saturation by 10% instead.

■ 21.9986, 1.9792,
-31.7687

■ 21.9986, 1.9792,
-31.7687

■ 121.7637, -1.0255,
-36.5866

■ 14.6745, 1.9960,
-31.8548

■ 39.3331, 1.6949,
-32.7432

■ 8.3332, 2.1672,
-33.8214

■ 49.1783, 1.4520,
-33.3749

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.7304, 1.1530,
-34.0068

0.0000, NaN, NaN

■ 70.9450, 0.8034,
-34.6121

0.0000, NaN, NaN

■ 82.7850, 0.4076,
-35.1775

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.2190, -0.0310,

-35.6967

0.0000, NaN, NaN

108.2198, -0.5095,
-36.1667

21.9986, 1.9792,
-31.7687

21.9986, 1.9792,
-31.7687

21.9970, 1.9821,
-31.7732

23.5445, 0.1161,
-27.8709

25.1845, -1.4801,
-24.1284

26.9535, -2.6749,
-20.4589

28.8427, -3.4895,
-16.8842

30.8422, -3.9556,
-13.4175

■ 32.9423, -4.1083,
-10.0635

■ 35.1340, -3.9829,
-6.8212

■ 37.4089, -3.6121,
-3.6858

■ 39.7598, -3.0256,
-0.6498

Harmonies

Analogous

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



21.9989, -8.9255, -28.8303



21.9986, 1.9792, -31.7687



21.9989, 14.2396, -22.8902

Triad

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



21.9989, 1.9798, -31.7682



21.9989, 19.2670, 10.6390



21.9989, -18.2294, 7.7574

Complementary

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



21.9986, 1.9792, -31.7687



25.3410, 16.6262, 15.9051

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.



21.9989, -13.2487, 12.2043



21.9986, 1.9792, -31.7687



21.9989, 7.8236, 13.1861

Square

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



21.9989, 1.9798, -31.7682



21.9989, 25.4811, 3.9221



21.9989, -4.1614, 13.6206



21.9989, -19.1582, -1.9275

Rectangle

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



21.9986, 1.9792, -31.7687



21.9989, 21.0308, -13.2634



21.9989, -4.1614, 13.6206



21.9989, -17.0319, 9.7311

Sweetspot

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



21.9989, 1.9798, -31.7682



46.7800, -5.3554, -9.4644



36.0232, -28.3729, 16.2246



21.9628, -2.6086, -5.2175



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.



21.9989, 1.9798, -31.7682



28.9679, 3.5041, -43.7717



11.8817, 28.4037, -76.1621



19.7130, -1.4591, -0.1805



23.0216, 2.2029, -33.5303



49.0895, 8.0553, -78.7467

Inverse Universe

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



20.3498, 36.6092, -0.5211



27.1795, 48.8081, 0.0247



38.9665, -8.4697, 23.8621



19.3152, 0.9341, 0.4562



21.3519, 38.4024, -0.4407



46.9490, 84.1003, 1.6656

Previews

White Background



This preview shows how the HunterLab color 21.9986, 1.9792, -31.7687 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 21.9986, 1.9792, -31.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

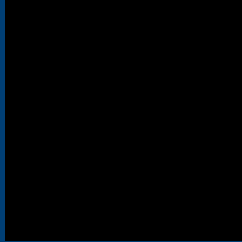
Any Text WCAG AA × Fail

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 21.9986, 1.9792, -31.7687 Background



This preview shows how black text looks on a background with the HunterLab color 21.9986, 1.9792, -31.7687.



This preview shows how white text looks on a background with the HunterLab color 21.9986, 1.9792, -31.7687.

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

21.9986, 1.9792, -31.7687

Protanopia

22.2494, 5.1146, -29.4225

Deuteranopia

21.9924, 0.1316, -27.7727

Trichromacy



Original Color

21.9986, 1.9792, -31.7687

Protanomaly

22.1096, 3.5188, -30.6232

Deuteranomaly

22.0946, 0.6841, -29.0931

Monochromacy



Original Color

21.9986, 1.9792, -31.7687

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7986, -2.5323, -8.8939

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9986, 1.9792, -31.7687 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, 63, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 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, 63, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9986, 1.9792, -31.7687 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, 63, 117) }
```

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

```
.border{ border-color:rgb(0, 63, 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, 63, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 117)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 21.9986, 1.9792, -31.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 117) }
```

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

```
.background{ background-color: rgb(0, 63,  
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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