

Converting Colors

HunterLab(10.1757, -0.6861,
-40.8628)

Have a look what the booklet for
HunterLab(10.1757, -0.6861,
-40.8628) contains.

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Color

**HunterLab(12.6669, 6.7398,
-30.3818)**

Conversions

Conversions Part 1

Format	Color
Hex	001F53
RGB	0, 31, 83
RGB Percent	0%, 12%, 33%
CMY	1.0000, 0.8784, 0.6745
CMYK	1.00, 0.63, 0.00, 0.67
HSL	218°, 100%, 16%
HSV	218°, 100%, 33%
XYZ	2.0513, 1.6045, 8.3852
YIQ	27.6590, -35.1680, 9.6000

Conversions

Conversions Part 2

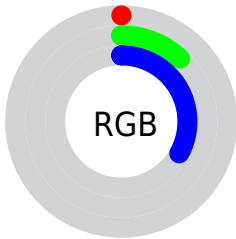
Format	Color
R_{YB}	0, 23, 83
Decimal	8019
CIE _{Lab}	13.26, 13.10, -34.65
CIE _{LCh}	13, 37.040, 290.712
Yxy	1.6045, 0.1704, 0.1333
Android (android.graphics.Color)	4278198099 (0xFF001F53)
YUV	27.6590, 27.2831, -24.2569
Hunter-Lab	12.6669, 6.7398, -30.3818

Details

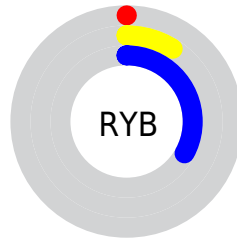
The HunterLab color **12.6669, 6.7398, -30.3818** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.7259, 5.0316, 12.8588**, and the grayscale version is **10.5984, -0.5655, 0.5758**.

A 20% lighter version of the original color is **27.5956, 7.7828, -30.5361**, and **4.2070, 7.7272, -21.9392** is the 20% darker color. If you saturate the color by 10%, you get **12.6660, 6.7419, -30.3852**, and if you desaturate by 10%, it is **13.9716, 4.9635, -26.0322**.

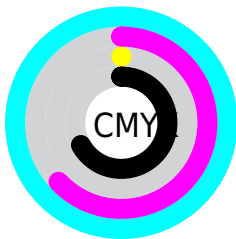
Distribution



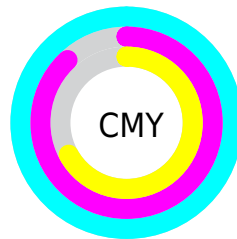
- Red (0%)
- Green (12%)
- Blue (33%)



- Red (0%)
- Yellow (9%)
- Blue (33%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6669, 6.7398, -30.3818 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 12.6669, 6.7398, -30.3818 by changing the saturation by 10% instead.

■ 12.6669, 6.7398,
-30.3818

■ 12.6669, 6.7398,
-30.3818

■ 104.2421, 8.3011,
-34.3972

■ 6.0055, 9.1845,
-37.7663

■ 27.6710, 7.7591,
-30.4877

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.5116, 8.0782,
-31.0423

0.0000, NaN, NaN

■ 46.1335, 8.2988,
-31.6614

0.0000, NaN, NaN

■ 56.4776, 8.4344,
-32.2830

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4966, 8.4954,
-32.8782

0.0000, NaN, NaN

■ 79.1516, 8.4895,

0.0000, NaN, NaN

-33.4327

■ 91.4096, 8.4230,
-33.9400

■ 12.6669, 6.7398,
-30.3818

■ 12.6669, 6.7398,
-30.3818

■ 12.6660, 6.7419,
-30.3852

■ 13.9716, 4.9635,
-26.0322

■ 15.3423, 3.3125,
-22.1139

■ 16.8265, 1.9604,
-18.4333

■ 18.4109, 0.8842,
-14.9943

■ 20.0821, 0.0493,
-11.7859

■ 21.8290, -0.5785,
-8.7869

■ 23.6425, -1.0298,
-5.9724

■ 25.5149, -1.3311,
-3.3178

■ 27.4400, -1.5048,
-0.8004

Harmonies

Analogous

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



12.6670, -3.5902, -33.0818



12.6669, 6.7398, -30.3818



12.6670, 17.5637, -16.8424

Triad

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



12.6670, 6.7404, -30.3815



12.6670, 13.6825, 8.8669



12.6670, -15.0839, 3.2658

Complementary

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



12.6669, 6.7398, -30.3818



20.7259, 5.0316, 12.8588

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.



12.6670, -12.3710, 8.8669



12.6669, 6.7398, -30.3818



12.6670, 2.5268, 8.8669

Square

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



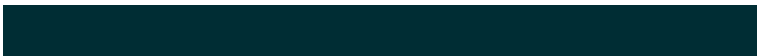
12.6670, 6.7404, -30.3815



12.6670, 22.3474, 5.6737



12.6670, -6.7022, 8.8669



12.6670, -14.4275, -7.4791

Rectangle

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



12.6669, 6.7398, -30.3818



12.6670, 22.6095, -6.8204



12.6670, -6.7022, 8.8669



12.6670, -14.5358, 5.3905

Sweetspot

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



12.6670, 6.7404, -30.3815



30.6098, -1.2935, -8.1575



25.3520, -18.3500, 7.9255



14.9182, -0.5806, -4.4690



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



12.6670, 6.7404, -30.3815



16.0652, 9.8602, -41.3656



8.2898, 21.7256, -53.0425



13.9596, -0.7657, -0.2440



15.6989, 9.5217, -40.1769



35.4823, 28.2218, -105.2727

Inverse Universe

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



13.9215, 24.5489, 3.4873



18.1250, 31.8847, 5.1613



27.5961, -10.3561, 16.8229



13.8369, 0.4658, 0.5885



17.6716, 31.0936, 4.9809



42.2453, 73.9620, 14.7744

Previews

White Background



This preview shows how the HunterLab color 12.6669, 6.7398, -30.3818 looks on a white background.

Color Contrast Check

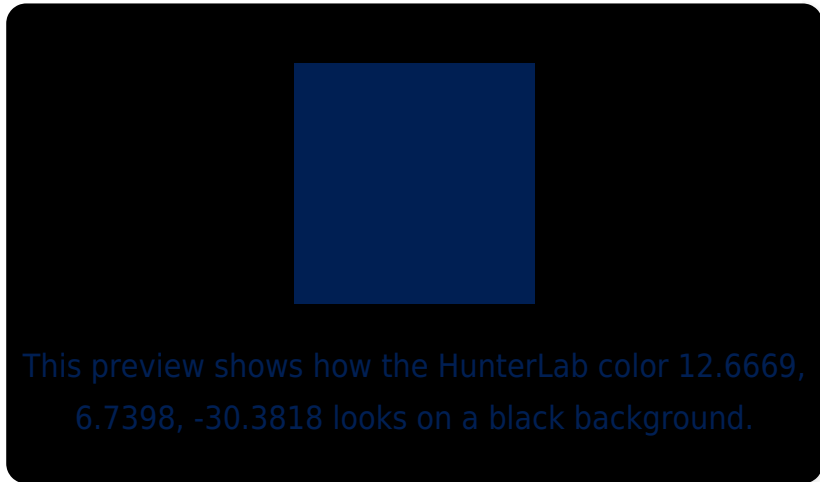
Large Text (above 18pt) WCAG AA ✓ Pass

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

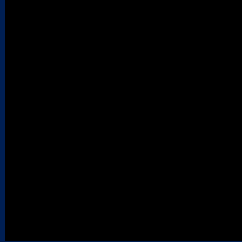
Any Text WCAG AA × Fail

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 12.6669, 6.7398, -30.3818 Background



This preview shows how black text looks on a background with the HunterLab color 12.6669, 6.7398, -30.3818.



This preview shows how white text looks on a background with the HunterLab color 12.6669, 6.7398, -30.3818.

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

12.6669, 6.7398, -30.3818

Protanopia

12.6962, 2.2692, -20.7676

Deuteranopia

12.6868, -1.0920, -13.5000



Tritanopia

12.7209, -6.2167, -2.4798

Trichromacy



Original Color

12.6669, 6.7398, -30.3818

Protanomaly

12.6867, 3.8046, -24.0703

Deuteranomaly

12.5946, 1.7343, -19.4861

Tritanomaly

12.4786, -2.2491, -10.7420

Monochromacy



Original Color

12.6669, 6.7398, -30.3818

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.0487, 0.4124, -8.1904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6669, 6.7398, -30.3818 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, 31, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 83)  
}
```

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, 31, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6669, 6.7398, -30.3818 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, 31, 83) }
```


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

```
.border{ border-color:rgb(0, 31, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 31, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 31, 83); box-shadow:4px  
4px 4px 4px rgb(0, 31, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6669, 6.7398, -30.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 31, 83) }
```

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

```
.background{ background-color: rgb(0, 31,  
83) }
```

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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