

Converting Colors

HunterLab(13.1027, -7.0003,
0.4304)

Have a look what the booklet for
HunterLab(13.1027, -7.0003, 0.4304)
contains.

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Color

**HunterLab(12.9757, -6.8553,
0.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	062824
RGB	6, 40, 36
RGB Percent	2%, 16%, 14%
CMY	0.9765, 0.8431, 0.8588
CMYK	0.85, 0.00, 0.10, 0.84
HSL	173°, 74%, 9%
HSV	173°, 85%, 16%
XYZ	1.1523, 1.6837, 1.9333
YIQ	29.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

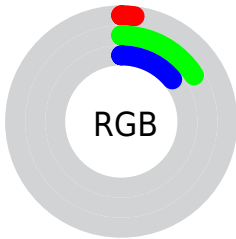
Format	Color
RYB	6, 24, 40
Decimal	403492
CIELab	13.73, -13.29, -0.92
CIELCh	14, 13.319, 183.944
Yxy	1.6838, 0.2416, 0.3530
Android (android.graphics.Color)	4278593572 (0xFF062824)
YUV	29.3780, 3.2646, -20.5025
Hunter-Lab	12.9757, -6.8553, 0.2490

Details

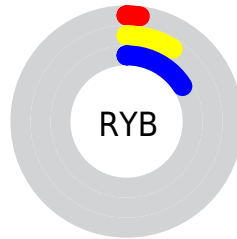
The HunterLab color **12.9757, -6.8553, 0.2490** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.7674, 9.2736, 2.7563**, and the grayscale version is **11.1961, -0.5974, 0.6083**.

A 20% lighter version of the original color is **27.9876, -9.6612, 0.9990**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8650, -7.3183, 0.2795**, and if you desaturate by 10%, it is **13.0861, -6.3999, 0.2173**.

Distribution



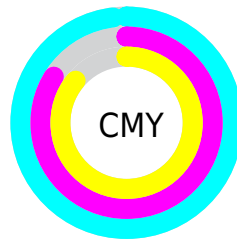
- Red (2%)
- Green (16%)
- Blue (14%)



- Red (2%)
- Yellow (9%)
- Blue (16%)



- Cyan (85%)
- Magenta (0%)
- Yellow (10%)
- Black (84%)



- Cyan (98%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9757, -6.8553, 0.2490 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 12.9757, -6.8553, 0.2490 by changing the saturation by 10% instead.

12.9757, -6.8553,
0.2490

12.9757, -6.8553,
0.2490

104.8639,
-18.9920, 4.8028

6.4273, -9.3517,
-0.2409

28.0712, -9.8181,
0.9410

0.0000, NaN, NaN

0.0000, NaN, NaN

36.9504, -11.1873,
1.3691

0.0000, NaN, NaN

46.6076, -12.5197,
1.8440

0.0000, NaN, NaN

56.9847, -13.8295,
2.3615

0.0000, NaN, NaN

0.0000, NaN, NaN


68.0347, -15.1261,
2.9185


0.0000, NaN, NaN


79.7190, -16.4159,


0.0000, NaN, NaN


3.5124


 92.0047, -17.7034,
4.1411


 12.9757, -6.8553,
0.2490


 12.9757, -6.8553,
0.2490


 12.8650, -7.3183,
0.2795


 13.0861, -6.3999,
0.2173

 12.8092, -7.5528,
0.2940

 13.2069, -5.9072,
0.1986

 13.3508, -5.3311,
0.2089

 13.5182, -4.6729,
0.2488

 13.7096, -3.9347,
0.3185

■ 13.9249, -3.1200,
0.4178

■ 14.1641, -2.2328,
0.5463

■ 14.4269, -1.2781,
0.7029

■ 14.7131, -0.2609,
0.8867

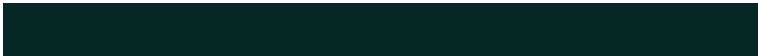
Harmonies

Analogous

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



12.9759, -6.3016, 3.2596



12.9757, -6.8553, 0.2490



12.9759, -5.9105, -3.4942

Triad

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



12.9759, -6.8554, 0.2492



12.9759, 3.3664, -5.9620



12.9759, 2.4617, 5.3425

Complementary

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



12.9757, -6.8553, 0.2490



7.7674, 9.2736, 2.7563

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.



12.9759, 5.5063, 3.8489



12.9757, -6.8553, 0.2490



12.9759, 6.0670, -2.5016

Square

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



12.9759, -6.8554, 0.2492



12.9759, -0.2176, -7.6422



12.9759, 6.8893, 1.1474



12.9759, -1.1618, 5.7648

Rectangle

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



12.9757, -6.8553, 0.2490



12.9759, -4.4910, -5.7589



12.9759, 6.8893, 1.1474



12.9759, 3.5991, 4.9599

Sweetspot

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



12.9759, -6.8554, 0.2492



17.3508, -4.0540, 0.5011



12.6444, -9.0889, 6.8242



9.5523, -2.2109, 0.2783



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.9759, -6.8554, 0.2492



15.9910, -9.4826, 0.4829



10.0027, -2.1142, -5.7731



8.3530, -0.9153, 0.3802



26.1949, -15.6782, 1.1033



71.0558, -42.9584, 3.9214

Inverse Universe

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



7.7674, 9.2736, 2.7563



8.4673, 14.6559, 4.2675



9.5510, 4.4409, 4.8933



8.0187, 0.0592, 0.5180



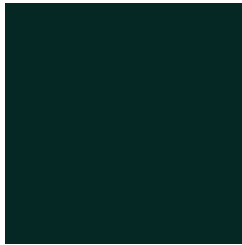
13.8327, 23.8458, 7.7225



37.4364, 64.2974, 22.7459

Previews

White Background



This preview shows how the HunterLab color 12.9757, -6.8553, 0.2490 looks on a white background.

Color Contrast Check

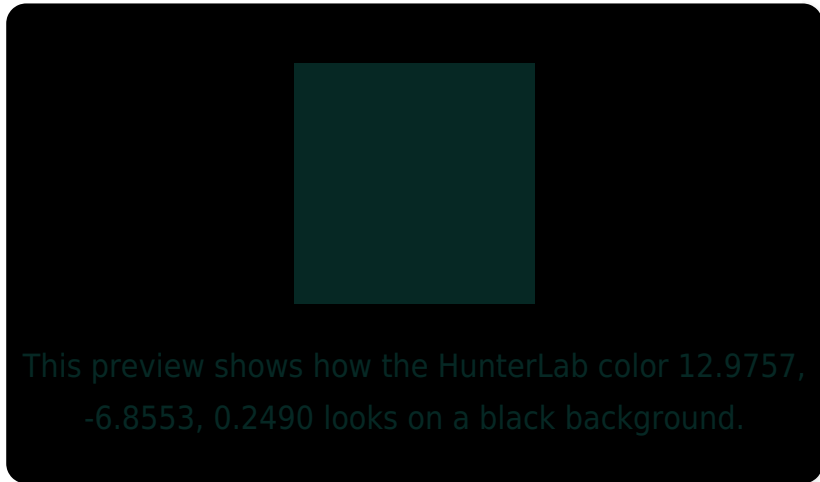
Large Text (above 18pt) WCAG AA ✓ Pass

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

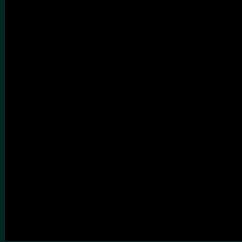
Any Text WCAG AA × Fail

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 12.9757, -6.8553, 0.2490 Background



This preview shows how black text looks on a background with the HunterLab color 12.9757, -6.8553, 0.2490.



This preview shows how white text looks on a background with the HunterLab color 12.9757, -6.8553,

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

12.9757, -6.8553, 0.2490

Protanopia

13.0583, -0.4546, 1.5055

Deuteranopia

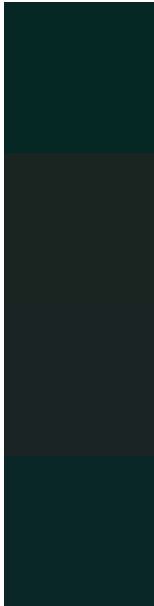
12.9988, 0.6690, 0.0383



Tritanopia

13.0245, -5.0441, -2.0342

Trichromacy



Original Color

12.9757, -6.8553, 0.2490

Protanomaly

12.8773, -3.4574, 0.9065

Deuteranomaly

12.7080, -2.7034, -0.3827

Tritanomaly

12.9181, -5.5596, -1.3510

Monochromacy



Original Color

12.9757, -6.8553, 0.2490

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.6251, -3.2414, 0.1372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9757, -6.8553, 0.2490 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(6, 40, 36)` looks like.

```
.text, #text, p{  
    color:rgb(6, 40, 36)  
}
```

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(6, 40, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 40, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9757, -6.8553, 0.2490 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(6, 40, 36) }
```


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

```
.border{ border-color:rgb(6, 40, 36) }
```

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

Here you see how a box with a 4 pixel rgb(6, 40, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 40, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 40, 36); box-shadow:4px  
4px 4px 4px rgb(6, 40, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9757, -6.8553, 0.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 40, 36) }
```

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

```
.background{ background-color: rgb(6, 40,  
36) }
```

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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