

Converting Colors

HunterLab(12.7863, -2.5845,
-22.7924)

Have a look what the booklet for
HunterLab(12.7863, -2.5845,
-22.7924) contains.

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Color

**HunterLab(13.7631, 1.3751,
-20.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	00264B
RGB	0, 38, 75
RGB Percent	0%, 15%, 29%
CMY	1.0000, 0.8510, 0.7059
CMYK	1.00, 0.49, 0.00, 0.71
HSL	210°, 100%, 15%
HSV	210°, 100%, 29%
XYZ	1.9631, 1.8942, 6.9188
YIQ	30.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

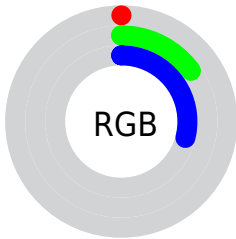
Format	Color
RYB	0, 25, 75
Decimal	9803
CIELab	14.92, 3.90, -26.49
CIELCh	15, 26.781, 278.375
Yxy	1.8943, 0.1822, 0.1758
Android (android.graphics.Color)	4278199883 (0xFF00264B)
YUV	30.8560, 21.7630, -27.0607
Hunter-Lab	13.7631, 1.3751, -20.1712

Details

The HunterLab color **13.7631, 1.3751, -20.1712** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.7909, 8.4980, 10.4947**, and the grayscale version is **11.6033, -0.6191, 0.6304**.

A 20% lighter version of the original color is **29.0166, 1.2579, -21.0616**, and **3.7729, 6.1257, -17.9394** is the 20% darker color. If you saturate the color by 10%, you get **13.7626, 1.3761, -20.1727**, and if you desaturate by 10%, it is **14.8027, 0.3992, -17.5339**.

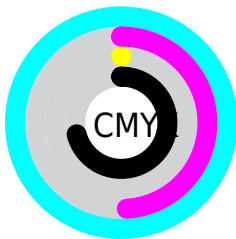
Distribution



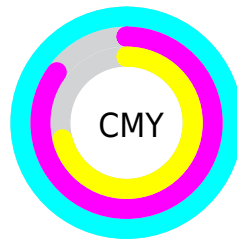
- Red (0%)
- Green (15%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7631, 1.3751, -20.1712 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 13.7631, 1.3751, -20.1712 by changing the saturation by 10% instead.

■ 13.7631, 1.3751,
-20.1712

■ 13.7631, 1.3751,
-20.1712

■ 106.4322, -1.6003,
-23.8717

■ 7.3820, 1.9081,
-21.6080

■ 29.0855, 1.1243,
-21.0616

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 38.0608, 0.8875,
-21.6058

0.0000, NaN, NaN

■ 47.8066, 0.5910,
-22.1198

0.0000, NaN, NaN

■ 58.2661, 0.2415,
-22.5843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.3936, -0.1560,
-22.9925

0.0000, NaN, NaN

■ 81.1511, -0.5975,

0.0000, NaN, NaN

-23.3426

■ 93.5065, -1.0799,
-23.6351

■ 13.7631, 1.3751,
-20.1712

■ 13.7631, 1.3751,
-20.1712

■ 13.7626, 1.3761,
-20.1727

■ 14.8027, 0.3992,
-17.5339

■ 15.8654, -0.5277,
-15.1094

■ 16.9984, -1.2405,
-12.7656

■ 18.1995, -1.7423,
-10.5020

■ 19.4626, -2.0530,
-8.3217

■ 20.7820, -2.1932,
-6.2238

■ 22.1524, -2.1826,
-4.2042

■ 23.5693, -2.0391,
-2.2576

■ 25.0286, -1.7786,
-0.3776

Harmonies

Analogous

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



13.7633, -5.5477, -18.4146



13.7631, 1.3751, -20.1712



13.7633, 9.1381, -14.4238

Triad

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



13.7633, 1.3755, -20.1709



13.7633, 12.1288, 6.8928



13.7633, -11.5278, 4.8265

Complementary

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



13.7631, 1.3751, -20.1712



16.7909, 8.4980, 10.4947

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.



13.7633, -8.4284, 8.2088



13.7631, 1.3751, -20.1712



13.7633, 4.8457, 9.3835

Square

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



13.7633, 1.3755, -20.1709



13.7633, 16.1415, 2.5601



13.7633, -2.7257, 9.6343



13.7633, -12.0756, -1.3471

Rectangle

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



13.7631, 1.3751, -20.1712



13.7633, 13.4173, -8.2833



13.7633, -2.7257, 9.6343



13.7633, -10.7866, 6.1149

Sweetspot

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



13.7633, 1.3755, -20.1709



28.6411, -2.8523, -5.7622



22.7182, -17.4545, 9.2843



14.1975, -1.4390, -3.1587



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.7633, 1.3755, -20.1709



17.5089, 2.5457, -27.3801



7.3163, 18.5156, -49.1121



13.3144, -0.9167, -0.0719



18.4025, 2.8299, -29.1106



42.7070, 10.9022, -76.9149

Inverse Universe

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



12.7903, 22.9957, -0.2165



16.6085, 29.7825, 0.3457



25.2194, -6.3815, 15.4280



13.0956, 0.4842, 0.3890



17.5209, 31.4035, 0.4809



42.4355, 75.6584, 4.2711

Previews

White Background



This preview shows how the HunterLab color 13.7631, 1.3751, -20.1712 looks on a white background.

Color Contrast Check

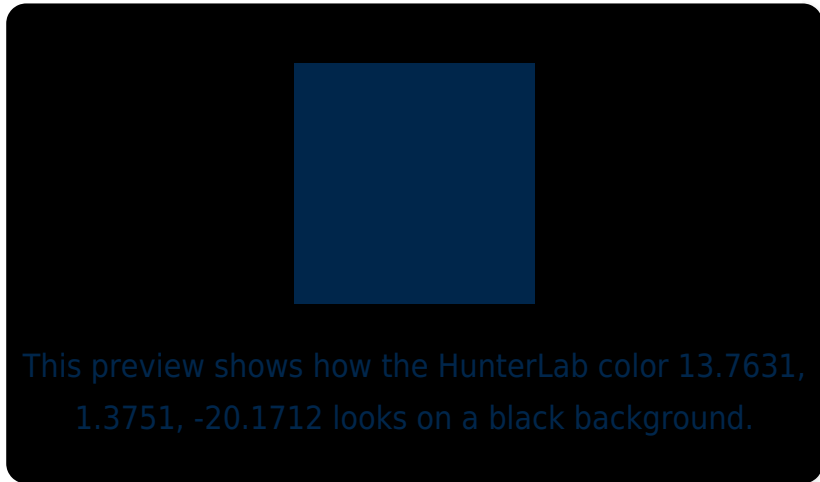
Large Text (above 18pt) WCAG AA ✓ Pass

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

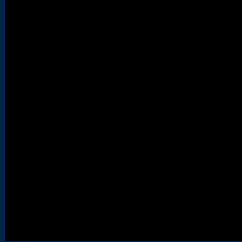
Any Text WCAG AA × Fail

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 13.7631, 1.3751, -20.1712 Background



This preview shows how black text looks on a background with the HunterLab color 13.7631, 1.3751, -20.1712.



This preview shows how white text looks on a background with the HunterLab color 13.7631, 1.3751,

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

13.7631, 1.3751, -20.1712

Protanopia

13.9166, 2.9503, -18.9741

Deuteranopia

13.7139, -0.5745, -15.9011

Trichromacy



Original Color

13.7631, 1.3751, -20.1712

Protanomaly

13.7430, 2.3892, -19.4397

Deuteranomaly

13.8057, -0.0743, -17.0955

Monochromacy



Original Color

13.7631, 1.3751, -20.1712

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.2393, -1.3860, -5.5101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7631, 1.3751, -20.1712 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, 38, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 75)  
}
```

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, 38, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7631, 1.3751, -20.1712 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, 38, 75) }
```

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

```
.border{ border-color:rgb(0, 38, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 75); box-shadow:4px  
4px 4px 4px rgb(0, 38, 75) }
```


Background

The CSS property to change the background color of an element to HunterLab 13.7631, 1.3751, -20.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 75) }
```

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

```
.background{ background-color: rgb(0, 38,  
75) }
```

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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