

Converting Colors

HunterLab(20.8400, -15.3724,
6.8055)

Have a look what the booklet for
HunterLab(20.8400, -15.3724,
6.8055) contains.

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Color

**HunterLab(20.9987,
-15.4018, 7.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	004528
RGB	0, 69, 40
RGB Percent	0%, 27%, 16%
CMY	1.0000, 0.7294, 0.8431
CMYK	1.00, 0.00, 0.42, 0.73
HSL	155°, 100%, 14%
HSV	155°, 100%, 27%
XYZ	2.51111, 4.4095, 2.7263
YIQ	45.0630, -31.8150, -23.6470

Conversions

Conversions Part 2

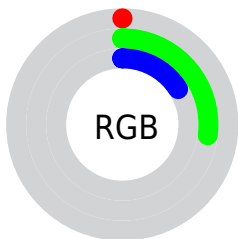
Format	Color
RYB	0, 44, 69
Decimal	17704
CIELab	24.98, -27.73, 12.15
CIELCh	25, 30.270, 156.340
Yxy	4.4096, 0.2603, 0.4571
Android (android.graphics.Color)	4278207784 (0xFF004528)
YUV	45.0630, -2.4961, -39.5203
Hunter-Lab	20.9987, -15.4018, 7.0015

Details

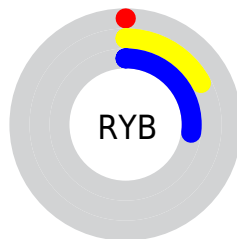
The HunterLab color **20.9987, -15.4018, 7.0015** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.6362, 20.6890, 1.6089**, and the grayscale version is **16.2358, -0.8663, 0.8821**.

A 20% lighter version of the original color is **38.0950, -20.4514, 9.7399**, and **8.5953, -7.3705, 5.1673** is the 20% darker color. If you saturate the color by 10%, you get **20.9991, -15.4021, 7.0018**, and if you desaturate by 10%, it is **21.1533, -14.6665, 6.3985**.

Distribution



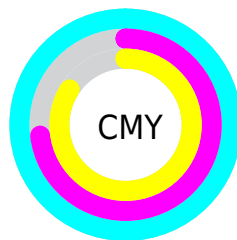
- Red (0%)
- Green (27%)
- Blue (16%)



- Red (0%)
- Yellow (17%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9987, -15.4018, 7.0015 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 20.9987, -15.4018, 7.0015 by changing the saturation by 10% instead.

■ 20.9987, -15.4018,
7.0015

■ 20.9987, -15.4018,
7.0015

■ 119.9858,
-34.9508, 18.3704

■ 13.8030, -12.5046,
5.5529

■ 38.1166, -20.4170,
9.6562

■ 7.4265, -12.9963,
5.1985

■ 47.8668, -22.6943,
10.9240

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.3304, -24.8739,
12.1732

0.0000, NaN, NaN

■ 69.4617, -26.9800,
13.4127

0.0000, NaN, NaN

■ 81.2229, -29.0298,
14.6484


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.5818, -31.0356,


15.8847


0.0000, NaN, NaN


 106.5108,
-33.0069, 17.1246


 20.9987, -15.4018,
7.0015


 20.9987, -15.4018,
7.0015


 20.9991, -15.4021,
7.0018

 21.1533, -14.6665,
6.3985

 21.3164, -13.8948,
5.7595

 21.5217, -12.9530,
5.1206

 21.7763, -11.8194,
4.4937

 22.0821, -10.4947,
3.8858

■ 22.4401, -8.9844,
3.3034

■ 22.8509, -7.2973,
2.7520

■ 23.3142, -5.4452,
2.2362

■ 23.8294, -3.4415,
1.7598

Harmonies

Analogous

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



20.9991, -10.9100, 10.8913



20.9987, -15.4018, 7.0015



20.9991, -16.4005, -0.8735

Triad

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



20.9991, -15.4020, 7.0017



20.9991, 0.9396, -24.5924



20.9991, 15.7616, 9.0682

Complementary

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



20.9987, -15.4018, 7.0015



11.6362, 20.6890, 1.6089

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.



20.9991, 20.3578, 2.9776



20.9987, -15.4018, 7.0015



20.9991, 10.8711, -18.2911

Square

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



20.9991, -15.4020, 7.0017



20.9991, -7.9776, -21.8962



20.9991, 18.4250, -7.1196



20.9991, 6.7453, 11.6584

Rectangle

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



20.9987, -15.4018, 7.0015



20.9991, -15.1436, -8.1501



20.9991, 18.4250, -7.1196



20.9991, 17.9416, 7.4972

Sweetspot

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



20.9991, -15.4020, 7.0017



29.6243, -9.7562, 3.6594



21.2860, -14.9380, 12.8547



15.3593, -5.3098, 1.9770



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



20.9991, -15.4020, 7.0017



27.2617, -20.1610, 9.4469



20.3517, -9.9141, -4.0359



12.9208, -1.7072, 0.9180



30.5142, -22.6332, 10.7186



75.2096, -56.6411, 28.2663

Inverse Universe

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



11.6362, 20.6890, 1.6089



15.0766, 26.7266, 2.7082



11.6840, 17.8120, 7.5112



12.3414, 0.3954, 0.4747



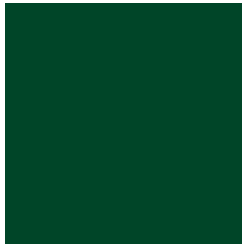
16.8636, 29.8621, 3.2789



41.4198, 72.9445, 11.1701

Previews

White Background



This preview shows how the HunterLab color 20.9987, -15.4018, 7.0015 looks on a white background.

Color Contrast Check

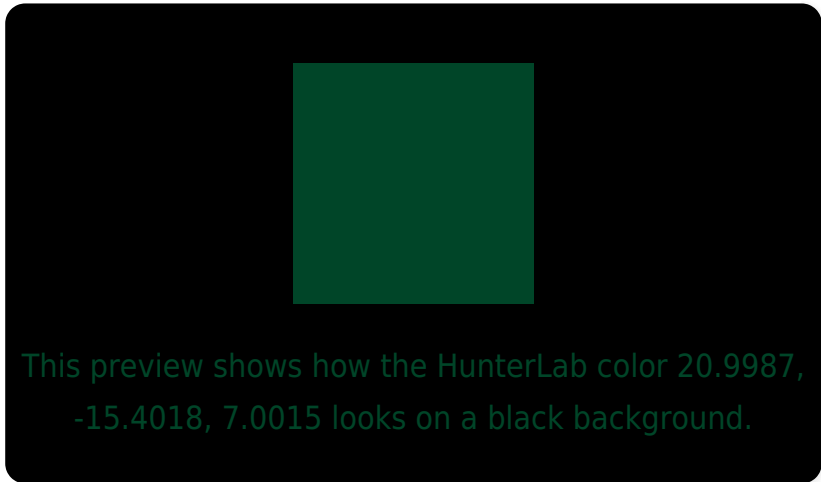
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9987, -15.4018, 7.0015 Background



This preview shows how black text looks on a background with the HunterLab color 20.9987, -15.4018, 7.0015.



This preview shows how white text looks on a background with the HunterLab color 20.9987,

-15.4018, 7.0015.

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

20.9987, -15.4018, 7.0015

Protanopia

21.1729, -2.3668, 8.3313

Deuteranopia

21.0719, 1.2241, 6.5752



Tritanopia

21.0765, -7.8472, -3.9196

Trichromacy



Original Color

20.9987, -15.4018, 7.0015

Protanomaly

20.3961, -9.2116, 7.3188

Deuteranomaly

20.1558, -7.2091, 5.8501

Tritanomaly

20.8155, -10.8938, 0.4590

Monochromacy



Original Color

20.9987, -15.4018, 7.0015

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.5327, -7.6539, 2.9408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9987, -15.4018, 7.0015 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, 69, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 40)  
}
```

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, 69, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9987, -15.4018, 7.0015 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, 69, 40) }
```


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

```
.border{ border-color:rgb(0, 69, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 40); box-shadow:4px  
4px 4px 4px rgb(0, 69, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9987, -15.4018, 7.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 40) }
```

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

```
.background{ background-color: rgb(0, 69,  
40) }
```

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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