

Converting Colors

HunterLab(19.8400, -18.9347,
6.9251)

Have a look what the booklet for
HunterLab(19.8400, -18.9347,
6.9251) contains.

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Color

**HunterLab(20.6437,
-15.4992, 7.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	004424
RGB	0, 68, 36
RGB Percent	0%, 27%, 14%
CMY	1.0000, 0.7333, 0.8588
CMYK	1.00, 0.00, 0.47, 0.73
HSL	152°, 100%, 13%
HSV	152°, 100%, 27%
XYZ	2.3856, 4.2616, 2.3659
YIQ	44.0200, -30.2560, -24.3680

Conversions

Conversions Part 2

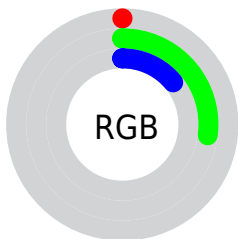
Format	Color
R _{YB}	0, 44, 68
Decimal	17444
CIE Lab	24.52, -28.25, 14.05
CIE LCh	25, 31.554, 153.561
Yxy	4.2618, 0.2647, 0.4728
Android (android.graphics.Color)	4278207524 (0xFF004424)
YUV	44.0200, -3.9539, -38.6055
Hunter-Lab	20.6437, -15.4992, 7.6555

Details

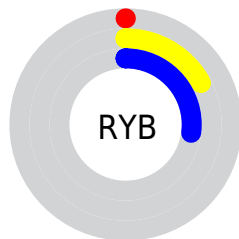
The HunterLab color **20.6437, -15.4992, 7.6555** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.5469, 20.6770, 0.4600**, and the grayscale version is **15.8971, -0.8482, 0.8637**.

A 20% lighter version of the original color is **37.7044, -20.5750, 10.6318**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.6441, -15.4995, 7.6558**, and if you desaturate by 10%, it is **20.7993, -14.7559, 7.0366**.

Distribution



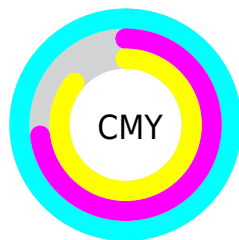
- Red (0%)
- Green (27%)
- Blue (14%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6437, -15.4992, 7.6555 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 20.6437, -15.4992, 7.6555 by changing the saturation by 10% instead.

■ 20.6437, -15.4992,
7.6555

■ 20.6437, -15.4992,
7.6555

■ 119.3499,
-35.3763, 20.0452

■ 13.4947, -12.5315,
6.0726

■ 37.6832, -20.6181,
10.6140

■ 7.0728, -12.3774,
4.9510

■ 47.3990, -22.9368,
12.0090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8307, -25.1533,
13.3741

0.0000, NaN, NaN

■ 68.9319, -27.2931,
14.7206

0.0000, NaN, NaN

■ 80.6647, -29.3738,
16.0562


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.9965, -31.4085,


17.3863


0.0000, NaN, NaN


 105.8997,
-33.4068, 18.7150


 20.6437, -15.4992,
7.6555


 20.6437, -15.4992,
7.6555


 20.6441, -15.4995,
7.6558

 20.7993, -14.7559,
7.0366

 20.9635, -13.9743,
6.3707

 21.1696, -13.0221,
5.6922

 21.4249, -11.8765,
5.0135

 21.7312, -10.5389,
4.3419

■ 22.0897, -9.0152,
3.6842

■ 22.5006, -7.3147,
3.0469

■ 22.9637, -5.4496,
2.4352

■ 23.4783, -3.4338,
1.8538

Harmonies

Analogous

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



20.6441, -10.5842, 11.2187



20.6437, -15.4992, 7.6555



20.6441, -16.8386, -0.0298

Triad

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



20.6441, -15.4994, 7.6556



20.6441, 0.0899, -26.2467



20.6441, 17.2177, 8.8218

Complementary

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



20.6437, -15.4992, 7.6555



11.5469, 20.6770, 0.4600

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.



20.6441, 21.4666, 2.2143



20.6437, -15.4992, 7.6555



20.6441, 10.4754, -20.2992

Square

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



20.6441, -15.4994, 7.6556



20.6441, -8.8933, -22.4679



20.6441, 18.7940, -8.6422



20.6441, 8.0479, 11.6357

Rectangle

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



20.6437, -15.4992, 7.6555



20.6441, -15.7812, -7.4767



20.6441, 18.7940, -8.6422



20.6441, 19.3396, 7.1175

Sweetspot

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



20.6441, -15.4994, 7.6556



29.5920, -9.9421, 4.1224



21.1082, -14.1900, 12.7583



15.3416, -5.4122, 2.2314



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.



20.6441, -15.4994, 7.6556



27.1913, -20.5955, 10.4729



21.0143, -10.9292, -2.6729



12.1312, -1.6038, 0.9104



29.6186, -22.4850, 11.5181



74.0633, -57.1124, 30.7167

Inverse Universe

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



11.5469, 20.6770, 0.4600



15.1770, 27.0925, 1.2689



11.1965, 18.6090, 7.2248



11.6063, 0.3697, 0.3957



16.5228, 29.4706, 1.5696



41.1626, 73.0001, 7.1580

Previews

White Background



This preview shows how the HunterLab color 20.6437, -15.4992, 7.6555 looks on a white background.

Color Contrast Check

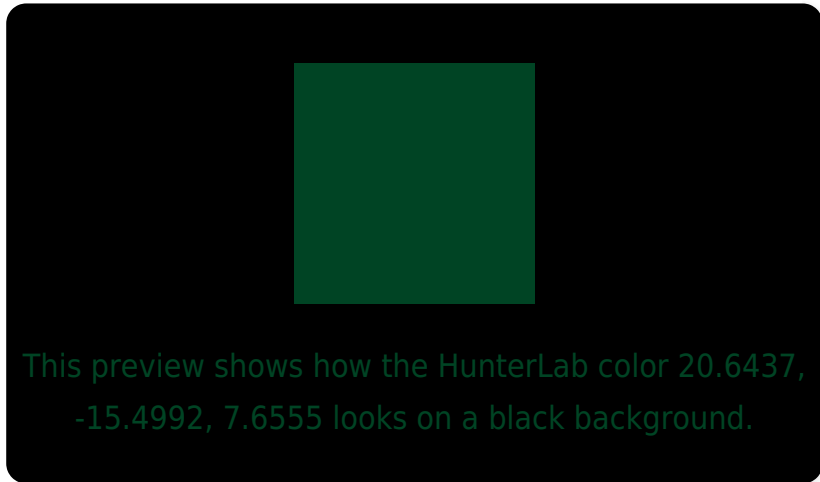
Large Text (above 18pt) WCAG AA ✓ Pass

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

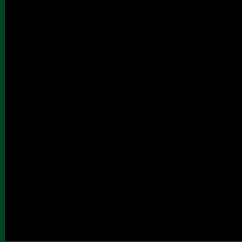
Any Text WCAG AA × Fail

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 20.6437, -15.4992, 7.6555 Background



This preview shows how black text looks on a background with the HunterLab color 20.6437, -15.4992, 7.6555.



This preview shows how white text looks on a background with the HunterLab color 20.6437,

-15.4992, 7.6555.

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

20.6437, -15.4992, 7.6555

Protanopia

20.8843, -2.2016, 8.7455

Deuteranopia

20.6807, 0.9763, 7.2575



Tritanopia

20.7752, -7.7145, -3.4015

Trichromacy



Original Color

20.6437, -15.4992, 7.6555

Protanomaly

20.0802, -9.1319, 7.7450

Deuteranomaly

19.8231, -7.2451, 6.6035

Tritanomaly

20.4821, -10.9192, 1.2247

Monochromacy



Original Color

20.6437, -15.4992, 7.6555

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

17.1848, -7.7180, 3.2163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6437, -15.4992, 7.6555 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, 68, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 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(0, 68, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6437, -15.4992, 7.6555 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, 68, 36) }
```


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

```
.border{ border-color:rgb(0, 68, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 68, 36); box-shadow:4px  
4px 4px 4px rgb(0, 68, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.6437, -15.4992, 7.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 36) }
```

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

```
.background{ background-color: rgb(0, 68,  
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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