

Converting Colors

HunterLab(20.5887, -19.9709,
0.9220)

Have a look what the booklet for
HunterLab(20.5887, -19.9709,
0.9220) contains.

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Color

**HunterLab(21.9362,
-13.8386, 2.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	00473A
RGB	0, 71, 58
RGB Percent	0%, 28%, 23%
CMY	1.0000, 0.7216, 0.7725
CMYK	1.00, 0.00, 0.18, 0.72
HSL	169°, 100%, 14%
HSV	169°, 100%, 28%
XYZ	3.0170, 4.8120, 4.7728
YIQ	48.2890, -38.1430, -19.0950

Conversions

Conversions Part 2

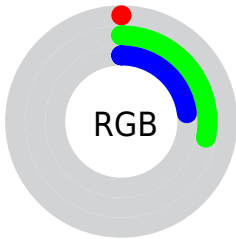
Format	Color
RYB	0, 39, 71
Decimal	18234
CIELab	26.19, -23.55, 2.23
CIELCh	26, 23.656, 174.597
Yxy	4.8122, 0.2394, 0.3819
Android (android.graphics.Color)	4278208314 (0xFF00473A)
YUV	48.2890, 4.7875, -42.3495
Hunter-Lab	21.9362, -13.8386, 2.4553

Details

The HunterLab color **21.9362, -13.8386, 2.4553** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.6995, 20.2825, 5.6339**, and the grayscale version is **17.2826, -0.9222, 0.9390**.

A 20% lighter version of the original color is **39.2601, -18.1025, 3.6919**, and **9.5563, -6.9060, 2.9637** is the 20% darker color. If you saturate the color by 10%, you get **21.9366, -13.8390, 2.4557**, and if you desaturate by 10%, it is **22.0712, -13.2341, 2.1432**.

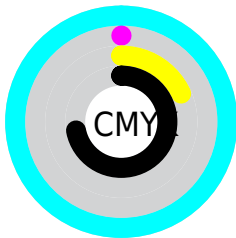
Distribution



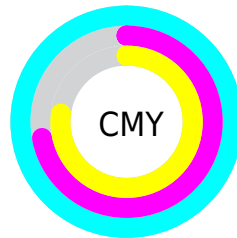
- Red (0%)
- Green (28%)
- Blue (23%)



- Red (0%)
- Yellow (15%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9362, -13.8386, 2.4553 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 21.9362, -13.8386, 2.4553 by changing the saturation by 10% instead.

■ 21.9362, -13.8386,
2.4553

■ 21.9362, -13.8386,
2.4553

■ 121.6535,
-31.0468, 8.9021

■ 14.6201, -11.3881,
1.8871

■ 39.2575, -18.1538,
3.6837

■ 8.2799, -12.8364,
1.5658

■ 49.0968, -20.1397,
4.3438

0.0000, NaN, NaN

■ 59.6435, -22.0539,
5.0338

0.0000, NaN, NaN

■ 70.8530, -23.9152,
5.7529

0.0000, NaN, NaN

■ 82.6881, -25.7366,
6.5000

0.0000, NaN, NaN

■ 95.1175, -27.5278,

0.0000, NaN, NaN

108.1138,
-29.2960, 8.0754

21.9362, -13.8386,
2.4553

21.9362, -13.8386,
2.4553

21.9366, -13.8390,
2.4557

22.0712, -13.2341,
2.1432

22.2132, -12.6027,
1.8331

22.3967, -11.8108,
1.5669

22.6283, -10.8371,
1.3546

22.9101, -9.6799,
1.2005

■ 23.2438, -8.3414,
1.1074

■ 23.6299, -6.8279,
1.0772

■ 24.0687, -5.1485,
1.1103

■ 24.5599, -3.3143,
1.2064

Harmonies

Analogous

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



21.9366, -11.7987, 7.7846



21.9362, -13.8386, 2.4553



21.9366, -12.8767, -5.3698

Triad

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



21.9366, -13.8387, 2.4555



21.9366, 5.2065, -15.4480



21.9366, 7.8919, 9.7339

Complementary

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



21.9362, -13.8386, 2.4553



11.6995, 20.2825, 5.6339

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.



21.9366, 13.6570, 6.2013



21.9362, -13.8386, 2.4553



21.9366, 11.9655, -8.4120

Square

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



21.9366, -13.8387, 2.4555



21.9366, -2.5225, -17.4932



21.9366, 15.2401, -0.1471



21.9366, 0.2127, 10.9759

Rectangle

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



21.9362, -13.8386, 2.4553



21.9366, -10.5848, -10.8892



21.9366, 15.2401, -0.1471



21.9366, 10.1571, 8.8479

Sweetspot

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



21.9366, -13.8387, 2.4555



30.6636, -9.1200, 1.4010



21.4298, -17.3479, 12.9009



15.4480, -4.7998, 0.7095



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.



21.9366, -13.8387, 2.4555



28.5089, -18.0866, 3.4103



16.1603, -3.8067, -11.9805



12.9401, -1.6004, 0.6434



30.9949, -19.6941, 3.7729



76.4396, -49.1103, 10.4721

Inverse Universe

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



11.6995, 20.2825, 5.6339



15.1819, 26.2621, 7.7741



13.9005, 12.8489, 8.7899



12.3221, 0.2909, 0.7508



16.4998, 28.5253, 8.5775



40.6039, 69.9394, 23.1061

Previews

White Background



This preview shows how the HunterLab color 21.9362, -13.8386, 2.4553 looks on a white background.

Color Contrast Check

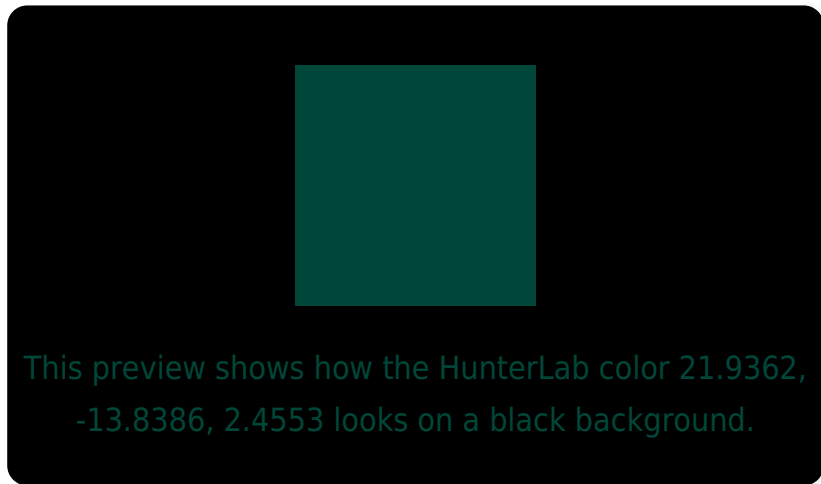
Large Text (above 18pt) WCAG AA ✓ Pass

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

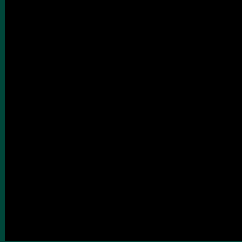
Any Text WCAG AA × Fail

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 21.9362, -13.8386, 2.4553 Background



This preview shows how black text looks on a background with the HunterLab color 21.9362, -13.8386, 2.4553.



This preview shows how white text looks on a background with the HunterLab color 21.9362,

-13.8386, 2.4553.

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

21.9362, -13.8386, 2.4553

Protanopia

22.0466, -1.2407, 4.5053

Deuteranopia

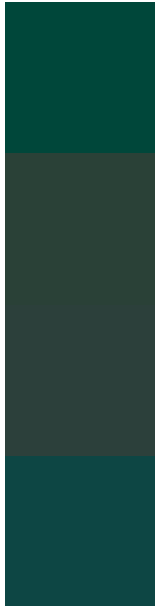
21.9617, 1.2770, 2.0140



Tritanopia

22.1587, -9.1865, -3.8414

Trichromacy



Original Color

21.9362, -13.8386, 2.4553

Protanomaly

21.3276, -7.7396, 2.9585

Deuteranomaly

21.2557, -6.4488, 1.4432

Tritanomaly

22.0981, -11.2115, -1.2527

Monochromacy



Original Color

21.9362, -13.8386, 2.4553

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.3510, -6.8330, 0.6916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9362, -13.8386, 2.4553 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, 71, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 58)  
}
```

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, 71, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9362, -13.8386, 2.4553 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, 71, 58) }
```


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

```
.border{ border-color:rgb(0, 71, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 58); box-shadow:4px  
4px 4px 4px rgb(0, 71, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.9362, -13.8386, 2.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 58) }
```

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

```
.background{ background-color: rgb(0, 71,  
58) }
```

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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