

Converting Colors

HunterLab(20.4745, -11.0653,
8.3695)

Have a look what the booklet for
HunterLab(20.4745, -11.0653,
8.3695) contains.

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Color

**HunterLab(20.3621,
-10.8981, 8.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	244020
RGB	36, 64, 32
RGB Percent	14%, 25%, 13%
CMY	0.8588, 0.7490, 0.8745
CMYK	0.44, 0.00, 0.50, 0.75
HSL	113°, 33%, 19%
HSV	113°, 50%, 25%
XYZ	2.8217, 4.1462, 2.0181
YIQ	51.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

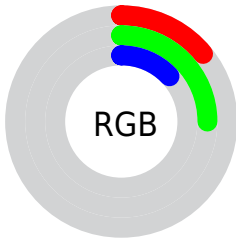
Format	Color
R_{YB}	32, 64, 60
Decimal	2375712
CIE Lab	24.15, -18.24, 16.29
CIE LCh	24, 24.455, 138.220
Yxy	4.1463, 0.3140, 0.4614
Android (android.graphics.Color)	4280565792 (0xFF244020)
YUV	51.9800, -9.8501, -14.0145
Hunter-Lab	20.3621, -10.8981, 8.3773

Details

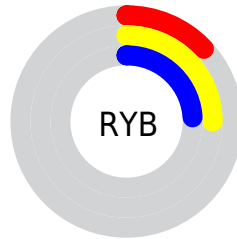
The HunterLab color **20.3621, -10.8981, 8.3773** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.3752, 11.4699, -9.0304**, and the grayscale version is **18.5583, -0.9902, 1.0083**.

A 20% lighter version of the original color is **37.3068, -14.5056, 11.5759**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.0545, -12.2858, 9.3219**, and if you desaturate by 10%, it is **20.7204, -9.3103, 7.2602**.

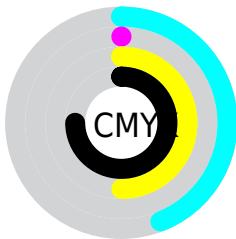
Distribution



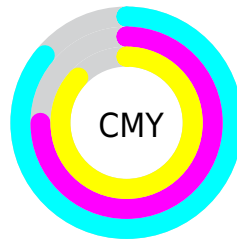
- Red (14%)
- Green (25%)
- Blue (13%)



- Red (13%)
- Yellow (25%)
- Blue (24%)



- Cyan (44%)
- Magenta (0%)
- Yellow (50%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3621, -10.8981, 8.3773 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 20.3621, -10.8981, 8.3773 by changing the saturation by 10% instead.

■ 20.3621, -10.8981,
8.3773

■ 20.3621, -10.8981,
8.3773

■ 118.8437,
-25.3786, 21.9977

■ 13.2505, -8.9058,
6.7409

■ 37.3388, -14.4436,
11.7026

■ 6.7776, -11.8609,
4.7444

■ 47.0272, -16.0946,
13.2510

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4333, -17.6981,
14.7560

0.0000, NaN, NaN

■ 68.5105, -19.2682,
16.2315

0.0000, NaN, NaN

■ 80.2205, -20.8151,
17.6874

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5308, -22.3458,

105.4133,
-23.8656, 20.5660

20.3621, -10.8981,
8.3773

20.3621, -10.8981,
8.3773

20.0545, -12.2858,
9.3219

20.7204, -9.3103,
7.2602

19.7960, -13.4645,
10.0902

21.1282, -7.5326,
5.9767

19.5856, -14.4312,
10.6836

21.5853, -5.5792,
4.5362

19.4195, -15.2008,
11.1390

22.0908, -3.4656,
2.9500

19.2836, -15.8477,
11.6050

22.6433, -1.2082,
1.2302

■ 19.2836, -15.8478,
11.6050

■ 23.2413, 1.1765,
-0.6102

■ 23.8831, 3.6724,
-2.5583

■ 24.5667, 6.2644,
-4.6019

■ 25.2903, 8.9383,
-6.7290

Harmonies

Analogous

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



20.3625, -5.4673, 10.3979



20.3621, -10.8981, 8.3773



20.3625, -13.5329, 3.7526

Triad

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



20.3625, -10.8985, 8.3775



20.3625, -3.9922, -17.7907



20.3625, 14.7747, 5.0009

Complementary

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



20.3621, -10.8981, 8.3773



15.3752, 11.4699, -9.0304

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.



20.3625, 15.3244, -1.9461



20.3621, -10.8981, 8.3773



20.3625, 3.6968, -17.0627

Square

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



20.3625, -10.8985, 8.3775



20.3625, -9.9558, -12.2580



20.3625, 11.0250, -10.5306



20.3625, 9.6181, 9.0009

Rectangle

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



20.3621, -10.8981, 8.3773



20.3625, -13.6500, -0.9857



20.3625, 11.0250, -10.5306



20.3625, 15.5295, 3.0013

Sweetspot

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



20.3625, -10.8985, 8.3775



28.7163, -6.1702, 5.0947



20.9722, -2.8505, 9.0097



15.0415, -3.3700, 2.7725



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.3625, -10.8985, 8.3775



26.3211, -16.6314, 12.5765



20.3811, -10.4540, 5.5197



12.1192, -1.7225, 1.4824



29.3426, -24.4696, 17.6524



73.3308, -62.0136, 44.1005

Inverse Universe

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



15.3752, 11.4699, -9.0304



18.3850, 19.2569, -15.4825



15.4060, 10.7747, -2.9434



11.6183, 0.4934, -0.2312



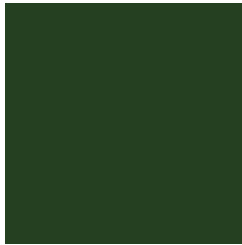
16.6812, 33.7297, -29.2402



41.4569, 84.0299, -74.2470

Previews

White Background



This preview shows how the HunterLab color 20.3621, -10.8981, 8.3773 looks on a white background.

Color Contrast Check

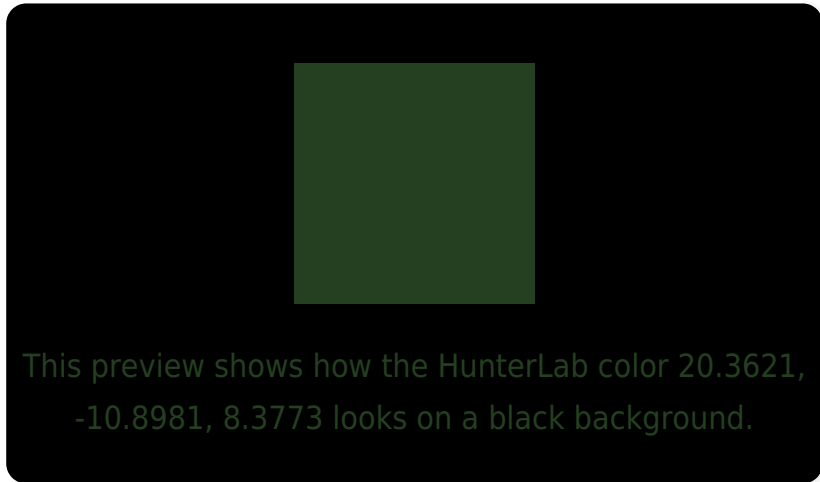
Large Text (above 18pt) WCAG AA ✓ Pass

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

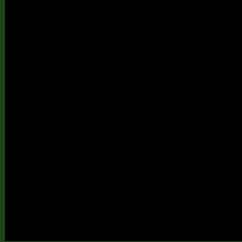
Any Text WCAG AA × Fail

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 20.3621, -10.8981, 8.3773 Background



This preview shows how black text looks on a background with the HunterLab color 20.3621, -10.8981, 8.3773.



This preview shows how white text looks on a background with the HunterLab color 20.3621,

-10.8981, 8.3773.

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

20.3621, -10.8981, 8.3773

Protanopia

20.1910, -2.2053, 8.7961

Deuteranopia

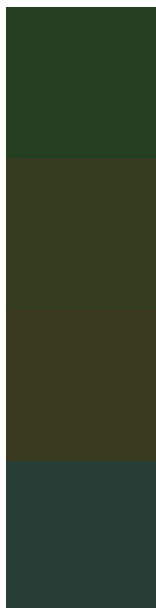
20.3715, 0.9824, 8.1654



Tritanopia

20.2623, -4.4071, -2.2252

Trichromacy



Original Color

20.3621, -10.8981, 8.3773

Protanomaly

20.2176, -5.9684, 8.5519

Deuteranomaly

20.0884, -3.7661, 8.0658

Tritanomaly

20.1138, -6.9212, 2.3444

Monochromacy



Original Color

20.3621, -10.8981, 8.3773

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.9701, -4.8322, 3.8454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3621, -10.8981, 8.3773 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(36, 64, 32)` looks like.

```
.text, #text, p{  
    color:rgb(36, 64, 32)  
}
```

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(36, 64, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 64, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3621, -10.8981, 8.3773 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(36, 64, 32) }
```


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

```
.border{ border-color:rgb(36, 64, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 64, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 64, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 64, 32);  
box-shadow:4px 4px 4px 4px rgb(36, 64, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3621, -10.8981, 8.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 64, 32) }
```

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

```
.background{ background-color: rgb(36, 64,  
32) }
```

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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