

Converting Colors

HunterLab(20.1645, -1.6104,
3.7665)

Have a look what the booklet for
HunterLab(20.1645, -1.6104, 3.7665)
contains.

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Color

**HunterLab(20.1936, -1.5621,
3.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3931
RGB	59, 57, 49
RGB Percent	23%, 22%, 19%
CMY	0.7686, 0.7765, 0.8078
CMYK	0.00, 0.03, 0.17, 0.77
HSL	48°, 9%, 21%
HSV	48°, 17%, 23%
XYZ	3.8211, 4.0778, 3.4914
YIQ	56.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

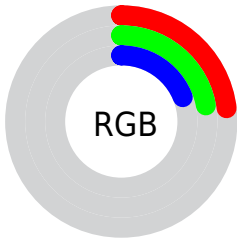
Format	Color
R_{YB}	52, 59, 49
Decimal	3881265
CIE _{Lab}	23.93, -0.81, 5.30
CIE _{LCh}	24, 5.363, 98.735
Yxy	4.0780, 0.3355, 0.3580
Android (android.graphics.Color)	4282071345 (0xFF3B3931)
YUV	56.6860, -3.7892, 2.0294
Hunter-Lab	20.1936, -1.5621, 3.8844

Details

The HunterLab color **20.1936, -1.5621, 3.8844** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2656, -0.3034, -2.1811**, and the grayscale version is **20.1322, -1.0742, 1.0938**.

A 20% lighter version of the original color is **37.1363, -2.6959, 5.5510**, and **6.5988, -0.8985, 3.7924** is the 20% darker color. If you saturate the color by 10%, you get **19.7893, -1.7340, 5.2872**, and if you desaturate by 10%, it is **20.6133, -1.3225, 2.3184**.

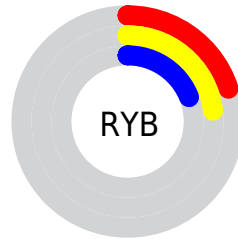
Distribution



Red (23%)

Green (22%)

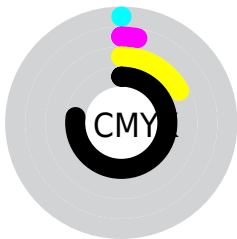
Blue (19%)



Red (20%)

Yellow (23%)

Blue (19%)

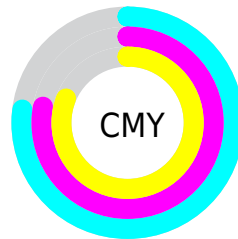


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1936, -1.5621, 3.8844 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 20.1936, -1.5621, 3.8844 by changing the saturation by 10% instead.

■ 20.1936, -1.5621,
3.8844

■ 20.1936, -1.5621,
3.8844

■ 118.5401, -7.2074,
11.7572

■ 13.1045, -1.1184,
3.0618

■ 37.1325, -2.5773,
5.5245

■ 6.5940, -0.8904,
3.6910

■ 46.8044, -3.1418,
6.3603

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1950, -3.7414,
7.2122

0.0000, NaN, NaN

■ 68.2579, -4.3741,
8.0821

0.0000, NaN, NaN

■ 79.9542, -5.0384,
8.9711

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2515, -5.7329,

105.1216, -6.4563,
10.8084

■ 20.1936, -1.5621,
3.8844

■ 20.1936, -1.5621,
3.8844

■ 19.7893, -1.7340,
5.2872

■ 20.6133, -1.3225,
2.3184

■ 19.3992, -1.8351,
6.5216

■ 21.0468, -1.0150,
0.5934

■ 19.0239, -1.8653,
7.5846

■ 21.4941, -0.6422,
-1.2849

■ 18.6635, -1.8242,
8.4742

■ 21.9551, -0.2062,
-3.3103

■ 18.3180, -1.7123,
9.1901

■ 22.4293, 0.2908,
-5.4768

■ 17.9872, -1.5308,
9.7338

■ 22.9165, 0.8464,
-7.7780

■ 17.6699, -1.2872,
10.1236

■ 23.4162, 1.4583,
-10.2076

■ 17.3567, -1.0343,
10.5004

■ 23.9280, 2.1240,
-12.7594

■ 17.2614, -0.9578,
10.6196

■ 24.4517, 2.8410,
-15.4272

Harmonies

Analogous

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



20.1940, 0.0962, 3.7374



20.1936, -1.5621, 3.8844



20.1940, -3.0438, 3.3343

Triad

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



20.1940, -1.5627, 3.8847



20.1940, -3.5167, -0.9016



20.1940, 1.9936, -0.0373

Complementary

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



20.1936, -1.5621, 3.8844



18.2656, -0.3034, -2.1811

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.



20.1940, 0.9648, -1.4247



20.1936, -1.5621, 3.8844



20.1940, -2.2271, -1.9512

Square

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



20.1940, -1.5627, 3.8847



20.1940, -4.1477, 0.6311



20.1940, -0.5899, -2.1500



20.1940, 2.1856, 1.5564

Rectangle

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



20.1936, -1.5621, 3.8844



20.1940, -3.7440, 2.6174



20.1940, -0.5899, -2.1500



20.1940, 1.7326, -0.5468

Sweetspot

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



20.1940, -1.5627, 3.8847



26.7700, -1.6491, 2.6309



18.3453, 1.9462, 1.2160



13.8451, -0.8572, 1.3841



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



20.1940, -1.5627, 3.8847



25.9221, -2.1210, 5.7733



20.4706, -3.1307, 4.1429



11.3787, -0.7553, 1.4231



27.3818, -0.9703, 16.8555



68.6679, -0.8488, 42.2980

Inverse Universe

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



18.2656, -0.3034, -2.1811



22.8543, -0.1096, -3.8948



18.0070, 1.2393, -2.5063



10.8397, -0.4052, -0.2680



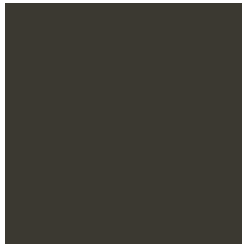
11.2931, 16.0626, -48.7901



26.6318, 47.7525, -136.3714

Previews

White Background



This preview shows how the HunterLab color 20.1936, -1.5621, 3.8844 looks on a white background.

Color Contrast Check

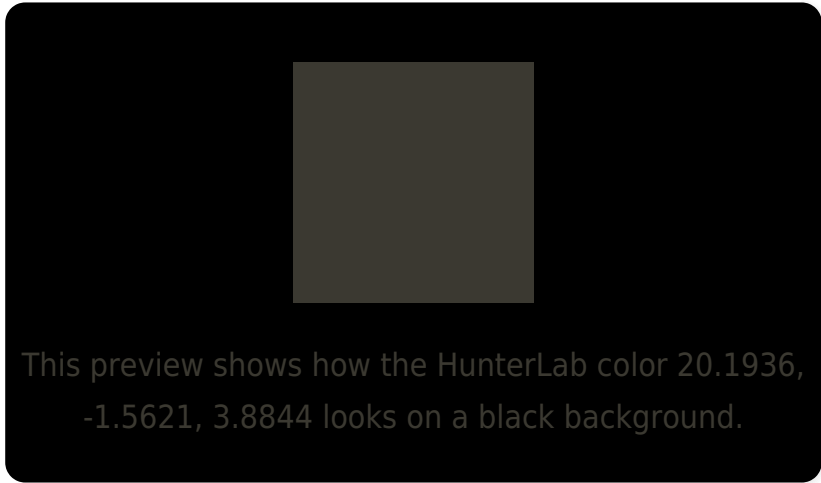
Large Text (above 18pt) WCAG AA ✓ Pass

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

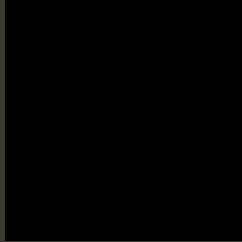
Any Text WCAG AA × Fail

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 20.1936, -1.5621, 3.8844 Background



This preview shows how black text looks on a background with the HunterLab color 20.1936, -1.5621, 3.8844.



This preview shows how white text looks on a background with the HunterLab color 20.1936, -1.5621,

3.8844.

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

20.1936, -1.5621, 3.8844

Protanopia

20.2698, -1.2956, 3.9681

Deuteranopia

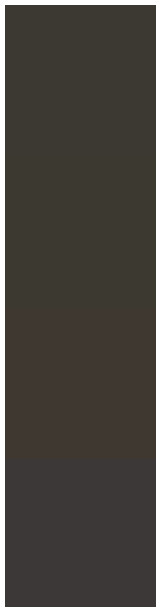
20.1939, 0.9065, 3.9280



Tritanopia

20.0481, 0.9332, -0.2728

Trichromacy



Original Color

20.1936, -1.5621, 3.8844

Protanomaly

20.2698, -1.2956, 3.9681

Deuteranomaly

20.2654, -0.0694, 3.9850

Tritanomaly

20.1855, -0.0281, 1.4483

Monochromacy



Original Color

20.1936, -1.5621, 3.8844

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2290, -1.2177, 2.2147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1936, -1.5621, 3.8844 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(59, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(59, 57, 49)  
}
```

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(59, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 57, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1936, -1.5621, 3.8844 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(59, 57, 49) }
```


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

```
.border{ border-color:rgb(59, 57, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 57, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 57, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 57, 49);  
box-shadow:4px 4px 4px 4px rgb(59, 57, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1936, -1.5621, 3.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 57, 49) }
```

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

```
.background{ background-color: rgb(59, 57,  
49) }
```

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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