

Converting Colors

HunterLab(36.7638, -6.9172,
10.0556)

Have a look what the booklet for
HunterLab(36.7638, -6.9172,
10.0556) contains.

HunterLab(36.8937, -7.0145, 10.1007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.8937, -7.0145,
10.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	646A51
RGB	100, 106, 81
RGB Percent	39%, 42%, 32%
CMY	0.6078, 0.5843, 0.6823
CMYK	0.06, 0.00, 0.24, 0.58
HSL	74°, 13%, 37%
HSV	74°, 24%, 42%
XYZ	11.8948, 13.6115, 9.7849
YIQ	101.3560, 4.4490, -9.0470

Conversions

Conversions Part 2

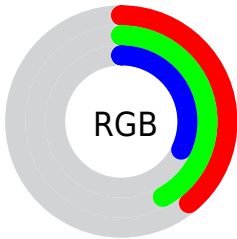
Format	Color
RYB	81, 106, 87
Decimal	6580817
CIELab	43.67, -7.10, 13.30
CIELCh	44, 15.076, 118.115
Yxy	13.6121, 0.3370, 0.3857
Android (android.graphics.Color)	4284770897 (0xFF646A51)
YUV	101.3560, -10.0355, -1.1892
Hunter-Lab	36.8937, -7.0145, 10.1007

Details

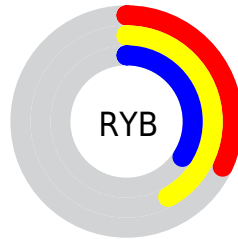
The HunterLab color **36.8937, -7.0145, 10.1007** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **29.9200, 4.1667, -8.5126**, and the grayscale version is **36.2445, -1.9339, 1.9692**.

A 20% lighter version of the original color is **56.8374, -8.8651, 12.8374**, and **20.0304, -5.1946, 7.3113** is the 20% darker color. If you saturate the color by 10%, you get **36.4998, -8.8528, 12.8156**, and if you desaturate by 10%, it is **37.3244, -5.0109, 6.9722**.

Distribution



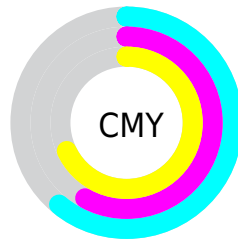
- Red (39%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (34%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (61%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8937, -7.0145, 10.1007 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 36.8937, -7.0145, 10.1007 by changing the saturation by 10% instead.

■ 36.8937, -7.0145,
10.1007

■ 36.8937, -7.0145,
10.1007

146.5619,
-15.9526, 21.8630

■ 28.0202, -6.0736,
8.7105

■ 56.9202, -8.9104,
12.7697

■ 19.9999, -5.1241,
7.2496

■ 67.9663, -9.8724,
14.0748

■ 12.9366, -4.1491,
5.7635

■ 79.6468, -10.8473,
15.3712

■ 6.3753, -5.1963,
4.4627

■ 91.9291, -11.8367,
16.6641

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7848,
-12.8414, 17.9573

0.0000, NaN, NaN

118.1895,

0.0000, NaN, NaN

-13.8620, 19.2535

0.0000, NaN, NaN

132.1217,
-14.8990, 20.5549

■ 36.8937, -7.0145,
10.1007

■ 36.8937, -7.0145,
10.1007

■ 36.4998, -8.8528,
12.8156

■ 37.3244, -5.0109,
6.9722

■ 36.1398, -10.5209,
15.1169

■ 37.7897, -2.8424,
3.4316

■ 35.8137, -12.0196,
17.0106

■ 38.2906, -0.5146,
-0.5147

■ 35.5206, -13.3511,
18.5077

■ 38.8269, 1.9667,
-4.8574

■ 35.2590, -14.5196,
19.6249

■ 39.3985, 4.5950,
-9.5852

■ 35.0272, -15.5324,
20.3860

■ 40.0048, 7.3633,
-14.6844

■ 34.8220, -16.4061,
20.8375

■ 40.6455, 10.2640,
-20.1402

■ 34.6962, -16.9400,
21.0831

■ 41.3200, 13.2893,
-25.9364

■ 42.0275, 16.4313,
-32.0561

Harmonies

Analogous

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



36.8945, -1.6078, 11.0153



36.8937, -7.0145, 10.1007



36.8945, -10.8591, 7.1219

Triad

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



36.8945, -7.0155, 10.1011



36.8945, -7.6065, -8.0344



36.8945, 9.6873, 1.6621

Complementary

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



36.8937, -7.0145, 10.1007



29.9200, 4.1667, -8.5126

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.



36.8945, 7.8483, -3.9616



36.8937, -7.0145, 10.1007



36.8945, -2.3320, -10.0640

Square

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



36.8945, -7.0155, 10.1011



36.8945, -11.1854, -3.2744



36.8945, 3.3609, -8.4718



36.8945, 8.2481, 6.6095

Rectangle

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



36.8937, -7.0145, 10.1007



36.8945, -12.1355, 4.1003



36.8945, 3.3609, -8.4718



36.8945, 9.4299, -0.2139

Sweetspot

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



36.8945, -7.0155, 10.1011



49.8338, -4.8265, 6.3005



32.3235, 3.2086, 5.6944



24.1092, -2.3826, 3.1259



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.8945, -7.0155, 10.1011



48.5986, -10.5843, 15.3156



36.0017, -10.2851, 9.1836



18.8381, -2.0230, 2.7051



38.6307, -18.9506, 23.4723



86.9635, -43.7101, 52.8213

Inverse Universe

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



29.9200, 4.1667, -8.5126



37.4040, 7.4358, -14.7553



30.9795, 7.5908, -6.8757



17.4843, 0.1342, -0.8717



12.4120, 31.6603, -72.6321



27.3920, 70.9318, -168.5162

Previews

White Background



This preview shows how the HunterLab color 36.8937, -7.0145, 10.1007 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 × Fail

Black Background



This preview shows how the HunterLab color 36.8937, -7.0145, 10.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

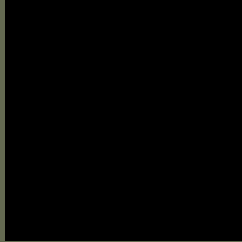
Any Text WCAG AA × Fail

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 36.8937, -7.0145, 10.1007 Background



This preview shows how black text looks on a background with the HunterLab color 36.8937, -7.0145, 10.1007.



This preview shows how white text looks on a background with the HunterLab color 36.8937, -7.0145,

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

36.8937, -7.0145, 10.1007

Protanopia

36.8710, -2.9023, 10.4648

Deuteranopia

36.7776, 2.2803, 9.8331



Tritanopia

36.8396, -0.1488, -1.0439

Trichromacy



Original Color

36.8937, -7.0145, 10.1007

Protanomaly

36.8022, -4.5412, 10.3709

Deuteranomaly

36.9089, -1.3112, 9.8969

Tritanomaly

36.7218, -2.5500, 3.5241

Monochromacy



Original Color

36.8937, -7.0145, 10.1007

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.4354, -3.8095, 5.1524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8937, -7.0145, 10.1007 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(100, 106, 81)` looks like.

```
.text, #text, p{  
    color:rgb(100, 106, 81)  
}
```

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(100, 106, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 106, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8937, -7.0145, 10.1007 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(100, 106, 81) }
```


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

```
.border{ border-color:rgb(100, 106, 81) }
```

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

Here you see how a box with a 4 pixel rgb(100, 106, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 106, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 106, 81);  
box-shadow:4px 4px 4px 4px rgb(100, 106,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8937, -7.0145, 10.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 106, 81) }
```

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

```
.background{ background-color: rgb(100,  
106, 81) }
```

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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