

Converting Colors

HunterLab(36.7500, -21.8130,
16.7772)

Have a look what the booklet for
HunterLab(36.7500, -21.8130,
16.7772) contains.

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Color

**HunterLab(36.8003,
-21.9105, 16.8661)**

Conversions

Conversions Part 1	
Format	Color
Hex	3E7335
RGB	62, 115, 53
RGB Percent	24%, 45%, 21%
CMY	0.7569, 0.5490, 0.7922
CMYK	0.46, 0.00, 0.54, 0.55
HSL	111°, 37%, 33%
HSV	111°, 54%, 45%
XYZ	8.7599, 13.5426, 5.5204
YIQ	92.0850, -11.6860, -30.5180

Conversions

Conversions Part 2

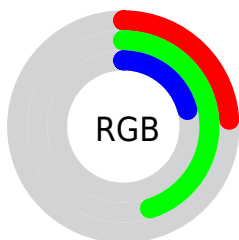
Format	Color
RYB	53, 115, 106
Decimal	4092725
CIELab	43.57, -30.91, 28.68
CIELCh	44, 42.172, 137.144
Yxy	13.5432, 0.3148, 0.4867
Android (android.graphics.Color)	4282282805 (0xFF3E7335)
YUV	92.0850, -19.2689, -26.3845
Hunter-Lab	36.8003, -21.9105, 16.8661

Details

The HunterLab color **36.8003, -21.9105, 16.8661** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **26.1698, 24.5400, -20.1933**, and the grayscale version is **32.8187, -1.7511, 1.7831**.

A 20% lighter version of the original color is **56.6460, -26.7243, 21.5506**, and **19.8703, -16.3018, 11.4445** is the 20% darker color. If you saturate the color by 10%, you get **36.2770, -24.2934, 18.4243**, and if you desaturate by 10%, it is **37.4288, -19.0942, 14.9265**.

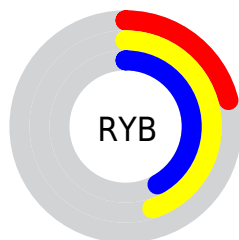
Distribution



Red (24%)

Green (45%)

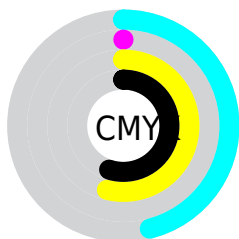
Blue (21%)



Red (21%)

Yellow (45%)

Blue (42%)

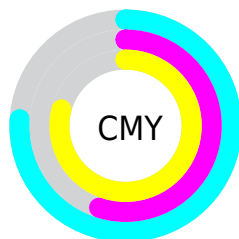


Cyan (46%)

Magenta (0%)

Yellow (54%)

Black (55%)



Cyan (76%)


Magenta (55%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.8003, -21.9105, 16.8661 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 36.8003, -21.9105, 16.8661 by changing the saturation by 10% instead.


 36.8003, -21.9105,
16.8661


 36.8003, -21.9105,
16.8661


146.4139,
-41.8685, 36.1314


 27.9350, -19.2311,
14.2657


 56.8122, -26.8197,
21.6223


 19.9238, -16.3142,
11.4593

 67.8517, -29.1222,
23.8479

 12.8707, -13.1866,
9.0095


 79.5261, -31.3540,
26.0022

 6.2872, -11.0025,
4.4010

 91.8024, -33.5302,
28.1007

0.0000, NaN, NaN

0.0000, NaN, NaN

 104.6525,
-35.6619, 30.1547

0.0000, NaN, NaN

 118.0518,

0.0000, NaN, NaN

-37.7579, 32.1734

0.0000, NaN, NaN

131.9787,
-39.8250, 34.1638

■ 36.8003, -21.9105,
16.8661

■ 36.8003, -21.9105,
16.8661

■ 36.2770, -24.2934,
18.4243

■ 37.4288, -19.0942,
14.9265

■ 35.8541, -26.2318,
19.6026

■ 38.1609, -15.8619,
12.6131

■ 35.5283, -27.7296,
20.4157

■ 38.9970, -12.2414,
9.9424

■ 35.2926, -28.8095,
20.9051

■ 39.9354, -8.2653,
6.9371

■ 35.1829, -29.3195,
21.1662

■ 40.9736, -3.9693,
3.6237

■ 42.1084, 0.6096,
0.0312

■ 43.3361, 5.4348,
-3.8108

■ 44.6525, 10.4717,
-7.8733

■ 46.0533, 15.6879,
-12.1285

Harmonies

Analogous

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



36.8011, -10.6021, 20.4305



36.8003, -21.9105, 16.8661



36.8011, -27.4119, 7.9377

Triad

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



36.8011, -21.9112, 16.8664



36.8011, -8.5633, -39.4730



36.8011, 32.2860, 9.6277

Complementary

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



36.8003, -21.9105, 16.8661



26.1698, 24.5400, -20.1933

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.



36.8011, 33.0857, -5.1211



36.8003, -21.9105, 16.8661



36.8011, 7.5490, -38.3679

Square

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



36.8011, -21.9112, 16.8664



36.8011, -20.6393, -26.5549



36.8011, 23.4104, -23.9775



36.8011, 21.3829, 17.6467

Rectangle

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



36.8003, -21.9105, 16.8661



36.8011, -27.7861, -1.8254



36.8011, 23.4104, -23.9775



36.8011, 33.8039, 5.4601

Sweetspot

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



36.8011, -21.9112, 16.8664



53.1116, -12.4365, 10.3315



37.6150, -4.9108, 17.7829



25.8417, -6.4947, 5.3651



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.8011, -21.9112, 16.8664



48.3720, -33.2931, 25.1458



36.7734, -21.3511, 11.6394



20.3012, -3.1213, 2.6936



37.6083, -31.3857, 22.6246



82.8788, -69.8904, 49.8460

Inverse Universe

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



26.1698, 24.5400, -20.1933



31.6028, 40.6809, -34.3046



26.4330, 23.5197, -6.6867



19.3192, 1.0884, -0.6293



20.9673, 42.6560, -38.7666



45.9744, 93.7314, -86.5613

Previews

White Background



This preview shows how the HunterLab color 36.8003, -21.9105, 16.8661 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 36.8003, -21.9105, 16.8661 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 36.8003, -21.9105, 16.8661 Background



This preview shows how black text looks on a background with the HunterLab color 36.8003, -21.9105, 16.8661.



This preview shows how white text looks on a background with the HunterLab color 36.8003,

-21.9105, 16.8661.

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

36.8003, -21.9105, 16.8661

Protanopia

36.7419, -4.3282, 17.8755

Deuteranopia





36.6071, 2.1981, 16.1123



Tritanopia

36.6951, -8.7745, -4.7346

Trichromacy

	Original Color 36.8003, -21.9105, 16.8661
	Protanomaly 36.3023, -11.6408, 17.2371
	Deuteranomaly 36.0707, -7.9782, 15.9371
	Tritanomaly 36.7139, -14.5090, 5.2675

Monochromacy

	Original Color 36.8003, -21.9105, 16.8661
	Achromatopsia 32.7144, -1.7456, 1.7774
	Achromatomaly 33.7842, -9.8500, 7.9960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8003, -21.9105, 16.8661 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(62, 115, 53)` looks like.

```
.text, #text, p{  
    color:rgb(62, 115, 53)  
}
```

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(62, 115, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 115, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8003, -21.9105, 16.8661 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(62, 115, 53) }
```


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

```
.border{ border-color:rgb(62, 115, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 115, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 115, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 115, 53);  
box-shadow:4px 4px 4px 4px rgb(62, 115,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8003, -21.9105, 16.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(62, 115, 53) }
```

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

```
.background{ background-color:rgb(62, 115,  
53) }
```

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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