

Converting Colors

HunterLab(37.7408, -14.8905,
1.2541)

Have a look what the booklet for
HunterLab(37.7408, -14.8905,
1.2541) contains.

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Color

**HunterLab(37.6645,
-14.7981, 1.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	40726B
RGB	64, 114, 107
RGB Percent	25%, 45%, 42%
CMY	0.7490, 0.5529, 0.5804
CMYK	0.44, 0.00, 0.06, 0.55
HSL	172°, 28%, 35%
HSV	172°, 44%, 45%
XYZ	10.7855, 14.1861, 16.0796
YIQ	98.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

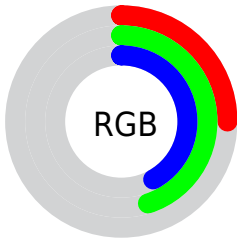
Format	Color
RYB	64, 91, 114
Decimal	4223595
CIELab	44.50, -18.70, -1.41
CIElCh	44, 18.755, 184.299
Yxy	14.1867, 0.2627, 0.3456
Android (android.graphics.Color)	4282413675 (0xFF40726B)
YUV	98.2520, 4.3128, -30.0390
Hunter-Lab	37.6645, -14.7981, 1.0532

Details

The HunterLab color **37.6645, -14.7981, 1.0532** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.7480, 15.1950, 4.6255**, and the grayscale version is **35.0352, -1.8694, 1.9035**.

A 20% lighter version of the original color is **57.7805, -18.0824, 2.0947**, and **20.7215, -11.2656, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **37.1611, -16.8272, 1.1066**, and if you desaturate by 10%, it is **38.2658, -12.4369, 1.1201**.

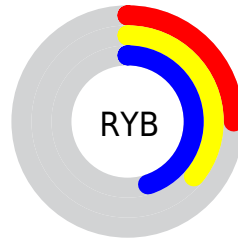
Distribution



Red (25%)

Green (45%)

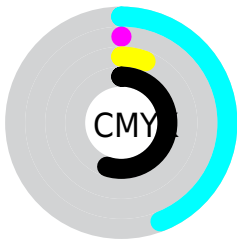
Blue (42%)



Red (25%)

Yellow (36%)

Blue (45%)

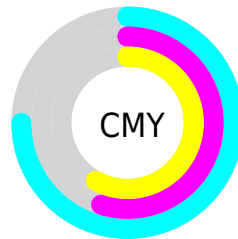


Cyan (44%)

Magenta (0%)

Yellow (6%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6645, -14.7981, 1.0532 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 37.6645, -14.7981, 1.0532 by changing the saturation by 10% instead.

■ 37.6645, -14.7981,
1.0532

■ 37.6645, -14.7981,
1.0532

147.7800,
-28.9595, 6.4849

■ 28.7239, -13.0474,
0.6507

■ 57.8100, -18.1081,
2.0011

■ 20.6295, -11.1890,
0.3022

■ 68.9100, -19.7033,
2.5376

■ 13.4819, -9.1594,
0.0169

■ 80.6416, -21.2740,
3.1120

■ 7.0578, -11.9241,
-0.4415

■ 92.9723, -22.8273,
3.7221

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8744,
-24.3687, 4.3660

0.0000, NaN, NaN

119.3236,

0.0000, NaN, NaN

-25.9026, 5.0421

0.0000, NaN, NaN

133.2985,
-27.4319, 5.7488

■ 37.6645, -14.7981,
1.0532

■ 37.6645, -14.7981,
1.0532

■ 37.1611, -16.8272,
1.1066

■ 38.2658, -12.4369,
1.1201

■ 36.7509, -18.5170,
1.2750

■ 38.9639, -9.7558,
1.3071

■ 36.4303, -19.8707,
1.5524

■ 39.7596, -6.7741,
1.6133

■ 36.1935, -20.9015,
1.9291

■ 40.6517, -3.5152,
2.0357

■ 36.0298, -21.6437,
2.3895

■ 41.6385, -0.0046,
2.5694

■ 35.9412, -22.0530,
2.6828

■ 42.7173, 3.7304,
3.2085

■ 43.8849, 7.6632,
3.9460

■ 45.1380, 11.7675,
4.7748

■ 46.4726, 16.0190,
5.6873

Harmonies

Analogous

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



37.6652, -13.6480, 7.3064



37.6645, -14.7981, 1.0532



37.6652, -12.7388, -6.1151

Triad

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



37.6652, -14.7985, 1.0537



37.6652, 6.0771, -10.4744



37.6652, 4.1562, 12.0574

Complementary

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



37.6645, -14.7981, 1.0532



27.7480, 15.1950, 4.6255

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.



37.6652, 10.0689, 8.7177



37.6645, -14.7981, 1.0532



37.6652, 11.2348, -4.0930

Square

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



37.6652, -14.7985, 1.0537



37.6652, -0.9726, -13.5144



37.6652, 12.7472, 3.0202



37.6652, -3.0397, 12.9246

Rectangle

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



37.6645, -14.7981, 1.0532



37.6652, -9.7249, -10.2320



37.6652, 12.7472, 3.0202



37.6652, 6.3768, 11.2220

Sweetspot

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



37.6652, -14.7985, 1.0537



52.7643, -8.7622, 2.1642



37.0998, -18.8390, 14.7788



25.2795, -4.5650, 1.0001



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.6652, -14.7985, 1.0537



49.2305, -22.4304, 1.4746



32.8065, -6.3711, -8.6684



19.5129, -2.5342, 0.8765



37.9177, -23.2816, 2.8645



84.5727, -52.3031, 7.1988

Inverse Universe

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



27.7480, 15.1950, 4.6255



33.4554, 25.8631, 7.4493



31.4762, 6.4185, 10.3707



18.4619, 0.5820, 1.2255



20.0553, 34.5437, 11.4212



44.6733, 76.7712, 26.7986

Previews

White Background



This preview shows how the HunterLab color 37.6645, -14.7981, 1.0532 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 37.6645, -14.7981, 1.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

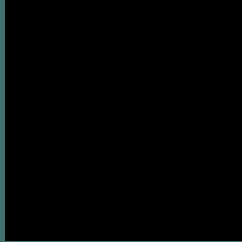
Any Text WCAG AA × Fail

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 37.6645, -14.7981, 1.0532 Background



This preview shows how black text looks on a background with the HunterLab color 37.6645, -14.7981, 1.0532.



This preview shows how white text looks on a background with the HunterLab color 37.6645,

-14.7981, 1.0532.

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

37.6645, -14.7981, 1.0532

Protanopia

37.3711, -1.5738, 3.4673

Deuteranopia

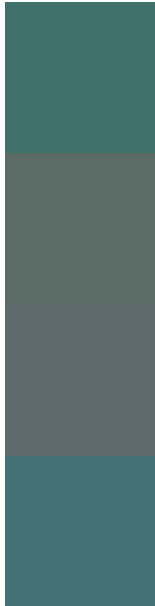
37.6022, 2.4395, -0.0473



Tritanopia

37.6799, -10.8489, -5.4353

Trichromacy



Original Color

37.6645, -14.7981, 1.0532

Protanomaly

37.3210, -7.3192, 2.4834

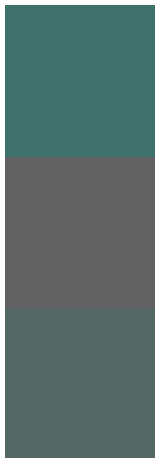
Deuteranomaly

37.2090, -4.5092, -0.2047

Tritanomaly

37.7684, -12.3474, -2.8818

Monochromacy



Original Color

37.6645, -14.7981, 1.0532

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.8031, -7.1308, 1.5484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6645, -14.7981, 1.0532 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(64, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(64, 114, 107)  
}
```

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(64, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6645, -14.7981, 1.0532 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(64, 114, 107) }
```


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

```
.border{ border-color:rgb(64, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6645, -14.7981, 1.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 107) }
```

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

```
.background{ background-color: rgb(64, 114,  
107) }
```

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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