

Converting Colors

HunterLab(41.3396, -6.4142,
10.2977)

Have a look what the booklet for
HunterLab(41.3396, -6.4142,
10.2977) contains.

HunterLab(41.3620, -6.2644, 10.1977)	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(41.3620, -6.2644,
10.1977)**

Conversions

Conversions Part 1

Format	Color
Hex	72755E
RGB	114, 117, 94
RGB Percent	45%, 46%, 37%
CMY	0.5529, 0.5412, 0.6314
CMYK	0.03, 0.00, 0.20, 0.54
HSL	68°, 11%, 41%
HSV	68°, 20%, 46%
XYZ	15.3211, 17.1082, 13.0844
YIQ	113.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

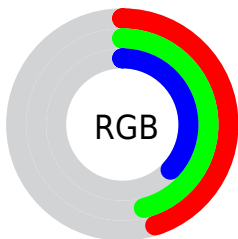
Format	Color
R_{YB}	94, 117, 97
Decimal	7501150
CIE _{Lab}	48.40, -5.45, 12.33
CIE _{LCh}	48, 13.486, 113.858
Yxy	17.1089, 0.3366, 0.3759
Android (android.graphics.Color)	4285691230 (0xFF72755E)
YUV	113.4810, -9.6041, 0.4552
Hunter-Lab	41.3620, -6.2644, 10.1977

Details

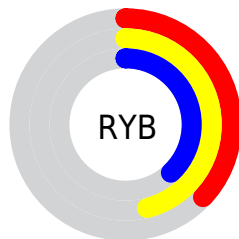
The HunterLab color $41.3620, -6.2644, 10.1977$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34.3971, 2.8251, -7.7659$, and the grayscale version is $40.8562, -2.1800, 2.2198$.

A 20% lighter version of the original color is $62.0456, -8.0376, 12.8778$, and $23.7232, -4.5835, 7.5492$ is the 20% darker color. If you saturate the color by 10%, you get $41.0036, -8.0306, 13.4960$, and if you desaturate by 10%, it is $41.7593, -4.3129, 6.4118$.

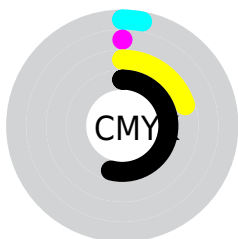
Distribution



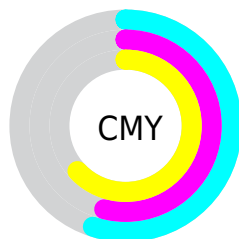
- Red (45%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3620, -6.2644, 10.1977 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 41.3620, -6.2644, 10.1977 by changing the saturation by 10% instead.

■ 41.3620, -6.2644,
10.1977

■ 41.3620, -6.2644,
10.1977

153.5575,
-14.5551, 21.5088

■ 32.1126, -5.4297,
8.8982

■ 62.0588, -7.9801,
12.7261

■ 23.6779, -4.6027,
7.5510

■ 73.4091, -8.8628,
13.9738

■ 16.1470, -3.7761,
6.1237

■ 85.3778, -9.7640,
15.2188

■ 9.6453, -2.9922,
5.8303

■ 97.9343, -10.6840,
16.4650

0.0000, NaN, NaN

0.0000, NaN, NaN

111.0523,
-11.6230, 17.7152

0.0000, NaN, NaN

124.7088,

0.0000, NaN, NaN

-12.5813, 18.9715

0.0000, NaN, NaN

138.8833,
-13.5587, 20.2356

■ 41.3620, -6.2644,
10.1977

■ 41.3620, -6.2644,
10.1977

■ 41.0036, -8.0306,
13.4960

■ 41.7593, -4.3129,
6.4118

■ 40.6806, -9.6081,
16.3084

■ 42.1934, -2.1746,
2.1380

■ 40.3929, -10.9999,
18.6438

■ 42.6655, 0.1461,
-2.6180

■ 40.1391, -12.2102,
20.5160

■ 43.1757, 2.6448,
-7.8475

■ 39.9176, -13.2454,
21.9452

■ 43.7241, 5.3157,
-13.5388

■ 39.7263, -14.1151,
22.9586

■ 44.3104, 8.1522,
-19.6775

■ 39.5625, -14.8323,
23.5926

■ 44.9343, 11.1472,
-26.2472

■ 39.4160, -15.4561,
24.0001

■ 45.5954, 14.2927,
-33.2299

■ 39.4110, -15.4772,
24.0139

■ 46.2931, 17.5808,
-40.6064

Harmonies

Analogous

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



41.3629, -1.1091, 10.8044



41.3620, -6.2644, 10.1977



41.3629, -10.1494, 7.5889

Triad

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



41.3629, -6.2655, 10.1982



41.3629, -8.0707, -6.4019



41.3629, 8.4596, 1.1968

Complementary

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



41.3620, -6.2644, 10.1977



34.3971, 2.8251, -7.7659

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.



41.3629, 6.3791, -3.9081



41.3620, -6.2644, 10.1977



41.3629, -3.2980, -8.6380

Square

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



41.3629, -6.2655, 10.1982



41.3629, -11.1542, -1.8805



41.3629, 2.0096, -7.6722



41.3629, 7.5670, 5.9968

Rectangle

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



41.3620, -6.2644, 10.1977



41.3629, -11.5830, 4.8664



41.3629, 2.0096, -7.6722



41.3629, 8.0816, -0.5461

Sweetspot

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



41.3629, -6.2655, 10.1982



56.0775, -4.7967, 6.6498



36.1684, 3.8374, 4.9941



26.8760, -2.3635, 3.3148



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.



41.3629, -6.2655, 10.1982



55.1046, -9.5872, 15.9173



40.5022, -9.3778, 9.2908



20.5991, -2.0633, 3.0369



41.3613, -16.2668, 25.2019



91.1611, -36.4621, 55.5347

Inverse Universe

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



34.3971, 2.8251, -7.7659



43.5036, 5.6148, -14.1680



35.3410, 5.9392, -6.3550



19.0018, 0.0105, -1.0535



12.3493, 32.6070, -80.8442



26.8570, 71.6688, -181.6772

Previews

White Background



This preview shows how the HunterLab color 41.3620, -6.2644, 10.1977 looks on a white background.

Color Contrast Check

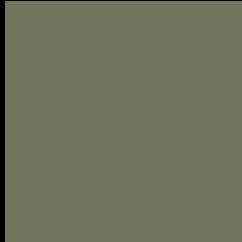
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3620, -6.2644, 10.1977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

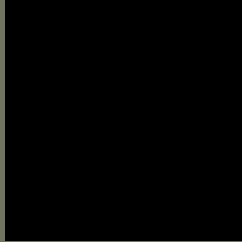
Any Text WCAG AA × Fail

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 41.3620, -6.2644, 10.1977 Background



This preview shows how black text looks on a background with the HunterLab color 41.3620, -6.2644, 10.1977.



This preview shows how white text looks on a background with the HunterLab color 41.3620, -6.2644, 10.1977.

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

41.3620, -6.2644, 10.1977

Protanopia

41.4600, -3.0988, 10.6837

Deuteranopia

41.1881, 2.9572, 9.8471



Tritanopia

41.3122, 0.6779, -0.9566

Trichromacy



Original Color

41.3620, -6.2644, 10.1977

Protanomaly

41.4765, -4.4620, 10.6759

Deuteranomaly

41.3184, -0.7019, 9.9124

Tritanomaly

41.2145, -1.6252, 3.3156

Monochromacy



Original Color

41.3620, -6.2644, 10.1977

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.7258, -3.6460, 5.1800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3620, -6.2644, 10.1977 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(114, 117, 94)` looks like.

```
.text, #text, p{  
    color:rgb(114, 117, 94)  
}
```

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(114, 117, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 117, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3620, -6.2644, 10.1977 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(114, 117, 94) }
```


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

```
.border{ border-color:rgb(114, 117, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 117, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 117, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 117, 94);  
box-shadow:4px 4px 4px 4px rgb(114, 117,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3620, -6.2644, 10.1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 117, 94) }
```

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

```
.background{ background-color: rgb(114,  
117, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor