

Converting Colors

HunterLab(40.3488, -6.1251,
18.2982)

Have a look what the booklet for
HunterLab(40.3488, -6.1251,
18.2982) contains.

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Color

**HunterLab(40.4532, -6.3469,
18.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	78723D
RGB	120, 114, 61
RGB Percent	47%, 45%, 24%
CMY	0.5294, 0.5529, 0.7608
CMYK	0.00, 0.05, 0.49, 0.53
HSL	54°, 33%, 35%
HSV	54°, 49%, 47%
XYZ	14.6054, 16.3646, 6.8038
YIQ	109.7520, 20.5890, -15.2110

Conversions

Conversions Part 2

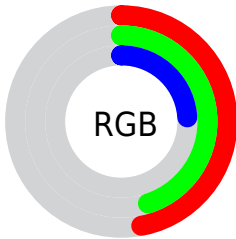
Format	Color
R_{YB}	68, 120, 61
Decimal	7893565
CIE _{Lab}	47.45, -5.68, 30.03
CIE _{LCh}	47, 30.563, 100.709
Yxy	16.3654, 0.3866, 0.4332
Android (android.graphics.Color)	4286083645 (0xFF78723D)
YUV	109.7520, -24.0347, 8.9875
Hunter-Lab	40.4532, -6.3469, 18.3453

Details

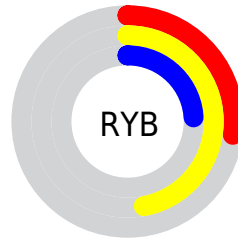
The HunterLab color **40.4532, -6.3469, 18.3453** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25.2236, 7.6727, -26.0910**, and the grayscale version is **39.4769, -2.1064, 2.1449**.

A 20% lighter version of the original color is **61.1530, -8.0485, 23.2388**, and **22.8758, -4.4491, 12.8467** is the 20% darker color. If you saturate the color by 10%, you get **39.9711, -6.6202, 20.2037**, and if you desaturate by 10%, it is **40.9713, -5.8938, 16.0212**.

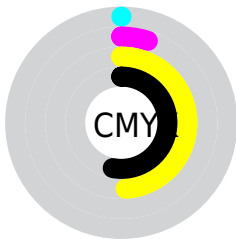
Distribution



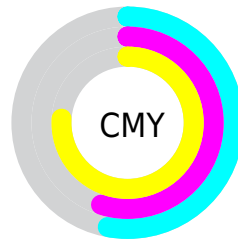
- Red (47%)
- Green (45%)
- Blue (24%)



- Red (27%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (5%)
- Yellow (49%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4532, -6.3469, 18.3453 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 40.4532, -6.3469, 18.3453 by changing the saturation by 10% instead.

40.4532, -6.3469,
18.3453

40.4532, -6.3469,
18.3453

152.1473,
-14.7188, 38.0759

31.2779, -5.4990,
15.7086

61.0175, -8.0855,
23.1967

22.9246, -4.6565,
12.8645

72.3075, -8.9782,
25.4746

15.4850, -3.8109,
10.8246

84.2190, -9.8886,
27.6824

9.0818, -3.2100,
6.3572

96.7211, -10.8172,
29.8345

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7870,
-11.7645, 31.9422

0.0000, NaN, NaN

123.3934,

0.0000, NaN, NaN

-12.7305, 34.0140

0.0000, NaN, NaN

137.5197,
-13.7153, 36.0567

■ 40.4532, -6.3469,
18.3453

■ 40.4532, -6.3469,
18.3453

■ 39.9711, -6.6202,
20.2037

■ 40.9713, -5.8938,
16.0212

■ 39.5209, -6.7157,
21.6090

■ 41.5235, -5.2529,
13.2226

■ 39.1019, -6.6439,
22.5834

■ 42.1113, -4.4241,
9.9481

■ 38.7118, -6.4178,
23.1584

■ 42.7350, -3.4075,
6.2001

■ 38.3410, -6.0911,
23.4744

■ 43.3947, -2.2050,
1.9852

■ 38.3102, -6.0636,
23.5004

■ 44.0903, -0.8195,
-2.6870

■ 44.8216, 0.7446,
-7.8042

■ 45.5882, 2.4825,
-13.3517

■ 46.3896, 4.3881,
-19.3135

Harmonies

Analogous

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



40.4541, 5.7251, 17.8928



40.4532, -6.3469, 18.3453



40.4541, -16.1009, 15.5285

Triad

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



40.4541, -6.3483, 18.3457



40.4541, -18.1671, -14.8336



40.4541, 21.9286, -5.7172

Complementary

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



40.4532, -6.3469, 18.3453



25.2236, 7.6727, -26.0910

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.



40.4541, 13.9673, -18.1523



40.4532, -6.3469, 18.3453



40.4541, -9.4852, -24.3845

Square

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



40.4541, -6.3483, 18.3457



40.4541, -22.3782, -2.0802



40.4541, 2.2045, -25.7499



40.4541, 23.0220, 6.0619

Rectangle

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



40.4532, -6.3469, 18.3453



40.4541, -20.3364, 11.5139



40.4541, 2.2045, -25.7499



40.4541, 19.9268, -10.0374

Sweetspot

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



40.4541, -6.3483, 18.3457



56.1569, -5.3845, 11.3791



27.8328, 18.3397, 5.8610



27.2702, -2.7291, 5.9419



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.4541, -6.3483, 18.3457



52.9311, -8.8088, 27.0659



40.4133, -15.3820, 18.1559



21.3721, -1.6996, 3.0847



39.9998, -6.3106, 24.5372



86.9502, -13.1406, 53.3483

Inverse Universe

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



25.2236, 7.6727, -26.0910



28.7163, 14.7149, -46.5752



25.6143, 15.6707, -25.0731



19.8824, -0.4327, -1.0058



13.2651, 28.4396, -77.9732



27.8938, 66.3985, -178.2001

Previews

White Background



This preview shows how the HunterLab color 40.4532, -6.3469, 18.3453 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 40.4532, -6.3469, 18.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

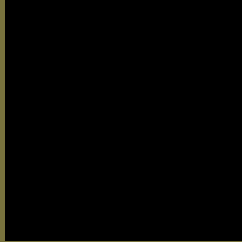
Any Text WCAG AA × Fail

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 40.4532, -6.3469, 18.3453 Background



This preview shows how black text looks on a background with the HunterLab color 40.4532, -6.3469, 18.3453.



This preview shows how white text looks on a background with the HunterLab color 40.4532, -6.3469, 18.3453.

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

40.4532, -6.3469, 18.3453

Protanopia

40.5367, -4.6256, 18.4403

Deuteranopia

40.2401, 2.6451, 17.9132



Tritanopia

40.5237, 4.4904, 0.8744

Trichromacy



Original Color

40.4532, -6.3469, 18.3453

Protanomaly

40.4452, -4.9499, 18.3636

Deuteranomaly

40.4042, -0.8807, 18.1938

Tritanomaly

40.3503, 0.1646, 8.6059

Monochromacy



Original Color

40.4532, -6.3469, 18.3453

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6472, -3.8500, 9.2214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4532, -6.3469, 18.3453 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(120, 114, 61)` looks like.

```
.text, #text, p{  
    color:rgb(120, 114, 61)  
}
```

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(120, 114, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 114, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4532, -6.3469, 18.3453 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(120, 114, 61) }
```


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

```
.border{ border-color:rgb(120, 114, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 114, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 114, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 114, 61);  
box-shadow:4px 4px 4px 4px rgb(120, 114,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4532, -6.3469, 18.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 114, 61) }
```

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

```
.background{ background-color: rgb(120,  
114, 61) }
```

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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