

Converting Colors

HunterLab(51.5203, -18.1904,
6.1445)

Have a look what the booklet for
HunterLab(51.5203, -18.1904,
6.1445) contains.

HunterLab(51.6553, -18.4341, 6.4508)	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(51.6553,
-18.4341, 6.4508)**

Conversions

Conversions Part 1

Format	Color
Hex	679784
RGB	103, 151, 132
RGB Percent	40%, 59%, 52%
CMY	0.5961, 0.4078, 0.4823
CMYK	0.32, 0.00, 0.13, 0.41
HSL	156°, 19%, 50%
HSV	156°, 32%, 59%
XYZ	20.8249, 26.6827, 25.8825
YIQ	134.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

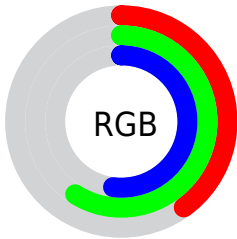
Format	Color
RYB	103, 133, 151
Decimal	6788996
CIELab	58.68, -20.47, 4.87
CIELCh	59, 21.037, 166.626
Yxy	26.6838, 0.2838, 0.3636
Android (android.graphics.Color)	4284979076 (0xFF679784)
YUV	134.4820, -1.2236, -27.6097
Hunter-Lab	51.6553, -18.4341, 6.4508

Details

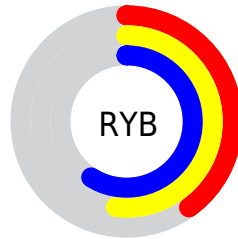
The HunterLab color $51.6553, -18.4341, 6.4508$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $42.0542, 16.0769, 0.2350$, and the grayscale version is $49.0288, -2.6161, 2.6638$.

A 20% lighter version of the original color is $73.5758, -21.7538, 7.9692$, and $32.3972, -14.8943, 4.7254$ is the 20% darker color. If you saturate the color by 10%, you get $50.7060, -22.3793, 7.7635$, and if you desaturate by 10%, it is $52.7515, -14.0210, 5.2438$.

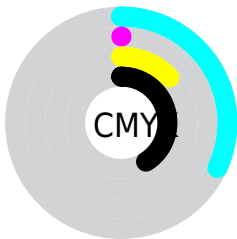
Distribution



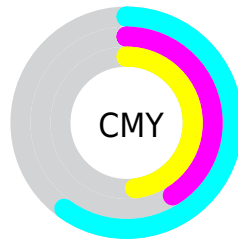
- Red (40%)
- Green (59%)
- Blue (52%)



- Red (40%)
- Yellow (52%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6553, -18.4341, 6.4508 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 51.6553, -18.4341, 6.4508 by changing the saturation by 10% instead.

■ 51.6553, -18.4341,
6.4508

■ 51.6553, -18.4341,
6.4508

169.1517,
-33.1487, 14.7260

■ 41.6364, -16.6665,
5.6336

■ 73.7401, -21.8323,
8.1452

■ 32.3640, -14.8262,
4.8327

■ 85.7258, -23.4855,
9.0229

■ 23.9051, -12.8812,
4.0448

■ 98.2986, -25.1190,
9.9214

■ 16.3471, -10.7760,
3.2623

■ 111.4322,
-26.7385, 10.8409

■ 9.8139, -9.6485,
2.6036

125.1037,
-28.3481, 11.7813

0.0000, NaN, NaN

139.2926,

0.0000, NaN, NaN

-29.9514, 12.7424

0.0000, NaN, NaN

153.9807,
-31.5508, 13.7241

0.0000, NaN, NaN

■ 51.6553, -18.4341,
6.4508

■ 51.6553, -18.4341,
6.4508

■ 50.7060, -22.3793,
7.7635

■ 52.7515, -14.0210,
5.2438

■ 49.9000, -25.8242,
9.1655

■ 53.9902, -9.1757,
4.1515

■ 49.2354, -28.7501,
10.6401

■ 55.3698, -3.9419,
3.1825

■ 48.7071, -31.1518,
12.1669

■ 56.8863, 1.6351,
2.3412

■ 48.3070, -33.0408,
13.7235

■ 58.5350, 7.5105,
1.6295

■ 48.0232, -34.4493,
15.2855

■ 60.3102, 13.6409,
1.0466

■ 47.8471, -35.3638,
16.5357

■ 62.2063, 19.9862,
0.5899

■ 64.2169, 26.5101,
0.2550

■ 66.3361, 33.1805,
0.0368

Harmonies

Analogous

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



51.6564, -14.6645, 12.8244



51.6553, -18.4341, 6.4508



51.6564, -18.2134, -2.0868

Triad

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



51.6564, -18.4349, 6.4515



51.6564, 2.2496, -15.4295



51.6564, 9.5785, 13.3375

Complementary

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



51.6553, -18.4341, 6.4508



42.0542, 16.0769, 0.2350

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.



51.6564, 14.7572, 7.2732



51.6553, -18.4341, 6.4508



51.6564, 10.3330, -9.7198

Square

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



51.6564, -18.4349, 6.4515



51.6564, -6.6736, -15.7512



51.6564, 15.0424, -1.1136



51.6564, 1.2758, 16.3198

Rectangle

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



51.6553, -18.4341, 6.4508



51.6564, -15.8379, -7.9206



51.6564, 15.0424, -1.1136



51.6564, 11.7663, 11.6433

Sweetspot

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



51.6564, -18.4349, 6.4515



72.5310, -11.1997, 5.3384



52.2167, -17.6432, 17.2962



34.4697, -5.7589, 2.6292



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.6564, -18.4349, 6.4515



68.2199, -28.4190, 9.8439



50.7331, -13.1722, -3.1870



26.4293, -3.8308, 1.8934



44.1372, -32.5772, 15.1571



5.4624, -3.5808, 0.9023

Inverse Universe

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



42.0542, 16.0769, 0.2350



52.8021, 27.2392, 0.0069



42.7109, 11.1522, 8.7000



25.0223, 1.1886, 0.9617



24.2447, 42.6780, 6.6872



3.0780, 5.6305, -0.7966

Previews

White Background



This preview shows how the HunterLab color 51.6553, -18.4341, 6.4508 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.6553, -18.4341, 6.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

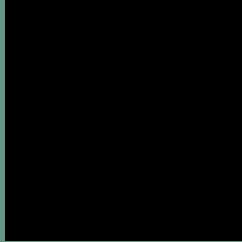
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.6553, -18.4341, 6.4508 Background



This preview shows how black text looks on a background with the HunterLab color 51.6553, -18.4341, 6.4508.



This preview shows how white text looks on a background with the HunterLab color 51.6553,

-18.4341, 6.4508.

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

51.6553, -18.4341, 6.4508

Protanopia

51.3552, -2.9835, 8.8041

Deuteranopia

51.4057, 3.4039, 5.2983



Tritanopia

51.5964, -10.7296, -6.0863

Trichromacy



Original Color

51.6553, -18.4341, 6.4508

Protanomaly

51.2356, -9.2695, 7.7764

Deuteranomaly

51.0777, -5.0090, 5.2056

Tritanomaly

51.4544, -13.4541, -1.2933

Monochromacy



Original Color

51.6553, -18.4341, 6.4508

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.6594, -8.6157, 3.9553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6553, -18.4341, 6.4508 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(103, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 132)  
}
```

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(103, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6553, -18.4341, 6.4508 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(103, 151, 132) }
```


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

```
.border{ border-color:rgb(103, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6553, -18.4341, 6.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 132) }
```

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

```
.background{ background-color: rgb(103,  
151, 132) }
```

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