

Converting Colors

HunterLab(21.9085, 5.5749,
-18.5481)

Have a look what the booklet for
HunterLab(21.9085, 5.5749,
-18.5481) contains.

HunterLab(21.7697, 5.6943, -18.6353)	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(21.7697, 5.6943,
-18.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	373A63
RGB	55, 58, 99
RGB Percent	22%, 23%, 39%
CMY	0.7843, 0.7725, 0.6118
CMYK	0.44, 0.41, 0.00, 0.61
HSL	236°, 29%, 30%
HSV	236°, 44%, 39%
XYZ	5.3407, 4.7392, 12.4377
YIQ	61.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

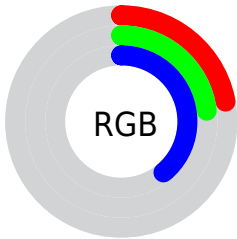
Format	Color
R_{YB}	55, 58, 99
Decimal	3619427
CIE _{Lab}	25.98, 10.57, -24.66
CIE _{LCh}	26, 26.833, 293.195
Yxy	4.7394, 0.2372, 0.2105
Android (android.graphics.Color)	4281809507 (0xFF373A63)
YUV	61.7770, 18.3509, -5.9434
Hunter-Lab	21.7697, 5.6943, -18.6353

Details

The HunterLab color $21.7697, 5.6943, -18.6353$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $33.6073, -5.6023, 14.2336$, and the grayscale version is $21.8135, -1.1639, 1.1852$.

A 20% lighter version of the original color is $39.0490, 6.0170, -19.6436$, and $8.1467, 5.3040, -18.5314$ is the 20% darker color. If you saturate the color by 10%, you get $19.0762, 8.0487, -24.7936$, and if you desaturate by 10%, it is $24.6224, 3.6432, -13.1889$.

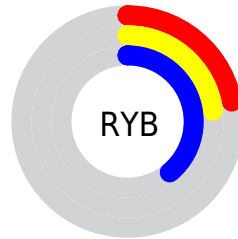
Distribution



Red (22%)

Green (23%)

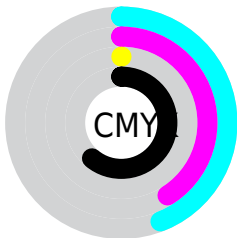
Blue (39%)



Red (22%)

Yellow (23%)

Blue (39%)

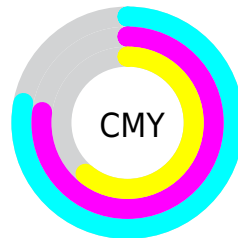


Cyan (44%)

Magenta (41%)

Yellow (0%)

Black (61%)



Cyan (78%)

Magenta (77%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7697, 5.6943, -18.6353 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 21.7697, 5.6943, -18.6353 by changing the saturation by 10% instead.

■ 21.7697, 5.6943,
-18.6353

■ 21.7697, 5.6943,
-18.6353

■ 121.3584, 5.2077,
-21.7305

■ 14.4747, 5.3195,
-18.1981

■ 39.0552, 6.0929,
-19.6713

■ 8.1358, 5.2437,
-18.5888

■ 48.8789, 6.1556,
-20.1396

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.4110, 6.1438,
-20.5514

0.0000, NaN, NaN

■ 70.6067, 6.0660,
-20.9030

0.0000, NaN, NaN

■ 82.4288, 5.9287,
-21.1949

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8457, 5.7372,

-21.4285

0.0000, NaN, NaN

107.8302, 5.4957,
-21.6062

■ 21.7697, 5.6943,
-18.6353

■ 21.7697, 5.6943,
-18.6353

■ 19.0762, 8.0487,
-24.7936

■ 24.6224, 3.6432,
-13.1889

■ 16.5807, 10.7720,
-31.8054

■ 27.6045, 1.8322,
-8.3123

■ 14.3405, 13.9025,
-39.7250

■ 30.6958, 0.2090,
-3.8825

■ 12.4332, 17.3750,
-48.3262

■ 33.8811, -1.2674,
0.1980

■ 10.9375, 20.8594,
-56.8849

■ 37.1488, -2.6286,
4.0048

■ 10.2340, 22.6496,
-61.6856

■ 40.4899, -3.8986,
7.5960

■ 43.8974, -5.0961,
11.0165

■ 47.3655, -6.2352,
14.3009

■ 50.8895, -7.3272,
17.4765

Harmonies

Analogous

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



21.7701, -3.0759, -20.7505



21.7697, 5.6943, -18.6353



21.7701, 13.6176, -10.4134

Triad

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



21.7701, 5.6943, -18.6347



21.7701, 9.5819, 10.3529



21.7701, -15.1941, 2.9571

Complementary

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



21.7697, 5.6943, -18.6353



33.6073, -5.6023, 14.2336

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.



21.7701, -12.8189, 8.6236



21.7697, 5.6943, -18.6353



21.7701, 0.8188, 11.6934

Square

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



21.7701, 5.6943, -18.6347



21.7701, 16.0930, 6.4862



21.7701, -7.2638, 11.2127



21.7701, -14.3011, -5.9140

Rectangle

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



21.7697, 5.6943, -18.6353



21.7701, 16.9058, -3.8360



21.7701, -7.2638, 11.2127



21.7701, -14.7653, 5.2372

Sweetspot

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



21.7701, 5.6943, -18.6347



40.6454, 0.0581, -4.4924



32.5090, -12.3148, -0.0745



19.4947, 0.1859, -2.6230



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.7701, 5.6943, -18.6347



24.9614, 10.5647, -32.5331



22.5011, 11.3265, -17.0412



15.9388, -0.3103, -0.7679



11.5773, 26.2838, -71.2098



25.7957, 64.7019, -171.9152

Inverse Universe

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



23.8553, 12.6944, 4.9723



28.5493, 21.1879, 7.7242



33.0670, -11.8945, 13.6863



16.1022, 0.4182, 1.1789



18.6404, 32.0121, 11.3480



43.0247, 73.7704, 27.1091

Previews

White Background



This preview shows how the HunterLab color 21.7697, 5.6943, -18.6353 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 21.7697, 5.6943, -18.6353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

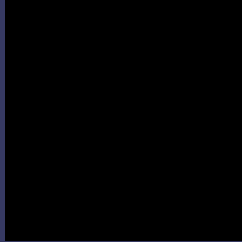
Any Text WCAG AA × Fail

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 21.7697, 5.6943, -18.6353 Background



This preview shows how black text looks on a background with the HunterLab color 21.7697, 5.6943, -18.6353.



This preview shows how white text looks on a background with the HunterLab color 21.7697, 5.6943, -18.6353.

-18.6353.

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

21.7697, 5.6943, -18.6353

Protanopia

21.7467, 3.3698, -20.1079

Deuteranopia

21.9055, 1.1185, -17.7582



Tritanopia

21.7102, -4.1910, -2.5199

Trichromacy



Original Color

21.7697, 5.6943, -18.6353

Protanomaly

21.6818, 4.2976, -19.5339

Deuteranomaly

21.9093, 2.3954, -17.7281

Tritanomaly

21.7197, -0.8360, -7.8813

Monochromacy



Original Color

21.7697, 5.6943, -18.6353

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.8524, 0.4959, -4.5866

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7697, 5.6943, -18.6353 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(55, 58, 99)` looks like.

```
.text, #text, p{  
    color:rgb(55, 58, 99)  
}
```

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(55, 58, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 58, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7697, 5.6943, -18.6353 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(55, 58, 99) }
```


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

```
.border{ border-color:rgb(55, 58, 99) }
```

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

Here you see how a box with a 4 pixel rgb(55, 58, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 58, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 58, 99);  
box-shadow:4px 4px 4px 4px rgb(55, 58, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7697, 5.6943, -18.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 58, 99) }
```

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

```
.background{ background-color: rgb(55, 58,  
99) }
```

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