

Converting Colors

HunterLab(37.8012, -20.9875,
6.6752)

Have a look what the booklet for
HunterLab(37.8012, -20.9875,
6.6752) contains.

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Color

**HunterLab(37.8524,
-21.0610, 6.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	2E765D
RGB	46, 118, 93
RGB Percent	18%, 46%, 36%
CMY	0.8196, 0.5372, 0.6353
CMYK	0.61, 0.00, 0.21, 0.54
HSL	159°, 44%, 32%
HSV	159°, 61%, 46%
XYZ	9.5809, 14.3280, 12.6165
YIQ	93.6220, -34.8870, -23.0390

Conversions

Conversions Part 2

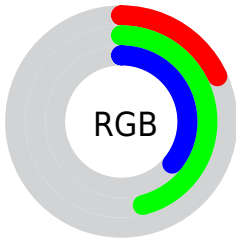
Format	Color
RYB	46, 90, 118
Decimal	3044957
CIELab	44.70, -28.94, 7.15
CIElCh	45, 29.809, 166.120
Yxy	14.3286, 0.2623, 0.3923
Android (android.graphics.Color)	4281235037 (0xFF2E765D)
YUV	93.6220, -0.3066, -41.7645
Hunter-Lab	37.8524, -21.0610, 6.7348

Details

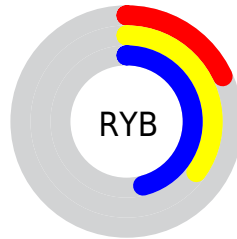
The HunterLab color **37.8524, -21.0610, 6.7348** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.0217, 24.5971, 1.7221**, and the grayscale version is **33.3270, -1.7782, 1.8107**.

A 20% lighter version of the original color is **58.1048, -25.9072, 8.8337**, and **21.1222, -14.6435, 5.2101** is the 20% darker color. If you saturate the color by 10%, you get **37.4440, -22.8891, 7.7404**, and if you desaturate by 10%, it is **38.3613, -18.8589, 5.7915**.

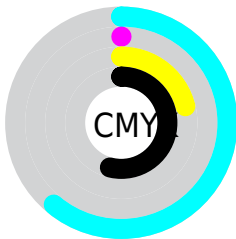
Distribution



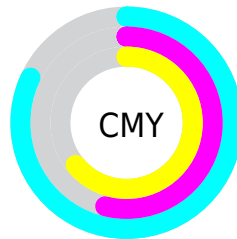
- Red (18%)
- Green (46%)
- Blue (36%)



- Red (18%)
- Yellow (35%)
- Blue (46%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8524, -21.0610, 6.7348 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 37.8524, -21.0610, 6.7348 by changing the saturation by 10% instead.

37.8524, -21.0610,
6.7348

37.8524, -21.0610,
6.7348

148.0762,
-40.0119, 15.7378

28.8956, -18.5536,
5.7866

58.0267, -25.6826,
8.6426

20.7833, -15.8393,
4.8293

69.1398, -27.8609,
9.6109

13.6155, -12.8095,
3.8440

80.8837, -29.9779,
10.5926

7.2137, -12.6241,
4.5018

93.2261, -32.0469,
11.5890

0.0000, NaN, NaN

0.0000, NaN, NaN

106.1395,
-34.0779, 12.6012

0.0000, NaN, NaN

119.5995,

0.0000, NaN, NaN

-36.0785, 13.6298

0.0000, NaN, NaN

133.5847,
-38.0549, 14.6752

■ 37.8524, -21.0610,
6.7348

■ 37.8524, -21.0610,
6.7348

■ 37.4440, -22.8891,
7.7404

■ 38.3613, -18.8589,
5.7915

■ 37.1286, -24.3485,
8.7925

■ 38.9720, -16.2867,
4.9218

■ 36.8993, -25.4588,
9.8750

■ 39.6869, -13.3587,
4.1367

■ 36.7336, -26.2879,
10.8342

■ 40.5064, -10.0962,
3.4442

■ 41.4296, -6.5256,
2.8498

■ 42.4545, -2.6765,
2.3569

■ 43.5785, 1.4199,
1.9668

■ 44.7981, 5.7325,
1.6787

■ 46.1096, 10.2311,
1.4906

Harmonies

Analogous

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



37.8532, -16.5798, 13.8647



37.8524, -21.0610, 6.7348



37.8532, -20.8855, -4.2076

Triad

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



37.8532, -21.0614, 6.7352



37.8532, 4.2675, -23.9894



37.8532, 14.4266, 14.2328

Complementary

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



37.8524, -21.0610, 6.7348



25.0217, 24.5971, 1.7221

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.



37.8532, 21.4581, 7.4116



37.8524, -21.0610, 6.7348



37.8532, 15.1349, -15.4590

Square

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



37.8532, -21.0614, 6.7352



37.8532, -7.1450, -24.3328



37.8532, 21.7317, -3.2989



37.8532, 3.3893, 17.2431

Rectangle

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



37.8524, -21.0610, 6.7348



37.8532, -18.1714, -12.4307



37.8532, 21.7317, -3.2989



37.8532, 17.3916, 12.4183

Sweetspot

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



37.8532, -21.0614, 6.7352



54.0126, -12.2094, 4.3520



38.0814, -21.7131, 19.0608



25.7662, -6.3725, 2.1811



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.



37.8532, -21.0614, 6.7352



49.4774, -31.1432, 10.7880



35.2797, -12.7842, -7.2900



20.3340, -2.8246, 1.3403



38.2036, -27.3614, 11.3142



84.2365, -61.0069, 26.4081

Inverse Universe

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



25.0217, 24.5971, 1.7221



29.9337, 39.4011, 4.0666



26.3737, 17.5886, 10.7480



19.2871, 0.7831, 0.8561



20.8270, 36.4868, 7.1014



45.8148, 79.9532, 18.0240

Previews

White Background



This preview shows how the HunterLab color 37.8524, -21.0610, 6.7348 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 37.8524, -21.0610, 6.7348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

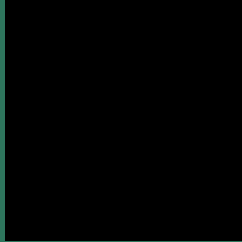
Any Text WCAG AA × Fail

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 37.8524, -21.0610, 6.7348 Background



This preview shows how black text looks on a background with the HunterLab color 37.8524, -21.0610, 6.7348.



This preview shows how white text looks on a background with the HunterLab color 37.8524, -21.0610, 6.7348.

-21.0610, 6.7348.

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

37.8524, -21.0610, 6.7348

Protanopia

37.6441, -2.6815, 8.9475

Deuteranopia

37.4459, 2.5528, 5.2122



Tritanopia

37.8610, -13.0768, -6.2441

Trichromacy



Original Color

37.8524, -21.0610, 6.7348

Protanomaly

37.2819, -11.0946, 7.7483

Deuteranomaly

36.9259, -7.6630, 4.8508

Tritanomaly

37.6672, -16.0479, -1.1995

Monochromacy



Original Color

37.8524, -21.0610, 6.7348

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.7655, -9.8490, 3.1901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8524, -21.0610, 6.7348 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(46, 118, 93)` looks like.

```
.text, #text, p{  
    color:rgb(46, 118, 93)  
}
```

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(46, 118, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 118, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8524, -21.0610, 6.7348 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(46, 118, 93) }
```


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

```
.border{ border-color:rgb(46, 118, 93) }
```

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

Here you see how a box with a 4 pixel rgb(46, 118, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 118, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 118, 93);  
box-shadow:4px 4px 4px 4px rgb(46, 118,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8524, -21.0610, 6.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 118, 93) }
```

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

```
.background{ background-color: rgb(46, 118,  
93) }
```

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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