

Converting Colors

RGB(20, 65, 179)

Have a look what the booklet for
RGB(20, 65, 179) contains.

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Color

RGB(20, 65, 179)

Conversions

Conversions Part 1

Format	Color
Hex	1441B3
RGB	20, 65, 179
RGB Percent	8%, 25%, 70%
CMY	0.9216, 0.7451, 0.2980
CMYK	0.89, 0.64, 0.00, 0.30
HSL	223°, 80%, 39%
HSV	223°, 89%, 70%
XYZ	10.3155, 7.1840, 43.4908
YIQ	64.5410, -63.4140, 25.9140

Conversions

Conversions Part 2

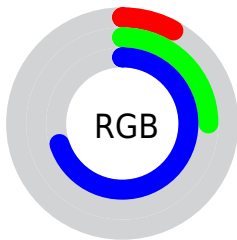
Format	Color
R_{YB}	20, 55, 179
Decimal	1327539
CIE _{Lab}	32.22, 30.65, -64.15
CIE _{LCh}	32, 71.093, 295.535
Yxy	7.1840, 0.1691, 0.1178
Android (android.graphics.Color)	4279517619 (0xFF1441B3)
YUV	64.5410, 56.4283, -39.0625
Hunter-Lab	26.8030, 21.7929, -77.4425

Details

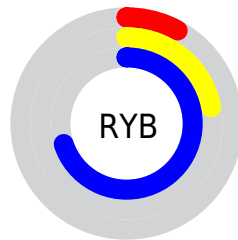
The RGB color **20, 65, 179** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **179, 134, 20**, and the grayscale version is **64, 64, 64**.

A 20% lighter version of the original color is **98, 112, 236**, and **0, 24, 125** is the 20% darker color. If you saturate the color by 10%, you get **2, 52, 179**, and if you desaturate by 10%, it is **38, 78, 179**.

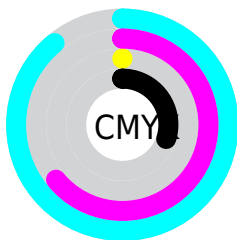
Distribution



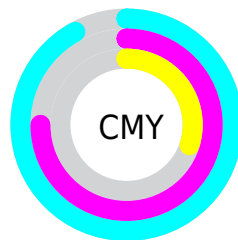
- Red (8%)
- Green (25%)
- Blue (70%)



- Red (8%)
- Yellow (22%)
- Blue (70%)



- Cyan (89%)
- Magenta (64%)
- Yellow (0%)
- Black (30%)



- Cyan (92%)
- Magenta (75%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 20, 65, 179 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 RGB color 20, 65, 179 by changing the saturation by 10% instead.



20, 65, 179



20, 65, 179

255, 255, 255



0, 43, 152



98, 112, 236



0, 24, 125



129, 138, 255



0, 0, 99



159, 164, 255



0, 9, 74



189, 191, 255



0, 4, 51



219, 219, 255



0, 2, 29



250, 247, 255



0, 0, 0



20, 65, 179



20, 65, 179



2, 52, 179



38, 78, 179

■ 0, 51, 179

■ 56, 91, 179

■ 74, 104, 179

■ 92, 116, 179

■ 109, 129, 179

■ 127, 142, 179

■ 145, 155, 179

■ 163, 168, 179

■ 181, 181, 179

Harmonies

Analogous

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



0, 87, 190



20, 65, 179



131, 18, 140

Triad

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



20, 65, 179



141, 41, 0



0, 97, 66

Complementary

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



20, 65, 179



179, 134, 20

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.



0, 94, 0



20, 65, 179



101, 71, 0

Square

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



20, 65, 179



165, 0, 32



45, 86, 0



0, 98, 123

Rectangle

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



20, 65, 179



158, 0, 105



45, 86, 0



0, 96, 45

Sweetspot

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



20, 65, 179



169, 187, 232



20, 179, 134



80, 90, 117



245, 245, 245



117, 117, 117

Same Dimension

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



20, 65, 179



0, 66, 232



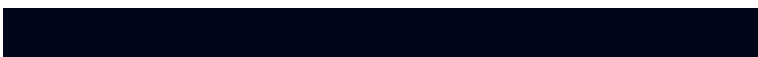
54, 20, 179



80, 83, 89



0, 43, 153



0, 7, 26

Inverse Universe

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



179, 20, 65



232, 0, 66



145, 179, 20



89, 80, 83



153, 0, 43



26, 0, 7

Previews

White Background



This preview shows how the RGB color 20, 65, 179 looks on a white background.

Color Contrast Check

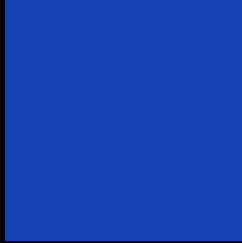
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 20, 65, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

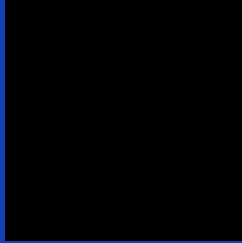
Any Text WCAG AA × Fail

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](#).

RGB 20, 65, 179 Background



This preview shows how black text looks on a background with the RGB color 20, 65, 179.



This preview shows how white text looks on a background with the RGB color 20, 65, 179.

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


20, 65, 179

Protanopia

0, 73, 154

Deuteranopia

0, 78, 132



Tritanopia
0, 84, 89

Trichromacy



Original Color

20, 65, 179

Protanomaly

7, 70, 163

Deuteranomaly

7, 73, 149

Tritanomaly

7, 77, 122

Monochromacy



Original Color

20, 65, 179

Achromatopsia

65, 65, 65

Achromatomaly

49, 65, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 20, 65, 179 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(20, 65, 179)` looks like.

```
.text, #text, p{  
    color:rgb(20, 65, 179)  
}
```

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(20, 65, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 65, 179) }
```

Border

The CSS property to change the border of an element to RGB 20, 65, 179 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(20, 65, 179) }
```

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

```
.border{ border-color:rgb(20, 65, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 65, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 65, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 65, 179);  
box-shadow:4px 4px 4px 4px rgb(20, 65,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 20, 65, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 65, 179) }
```

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

```
.background{ background-color: rgb(20, 65,  
179) }
```

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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